

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



FIG. 1A

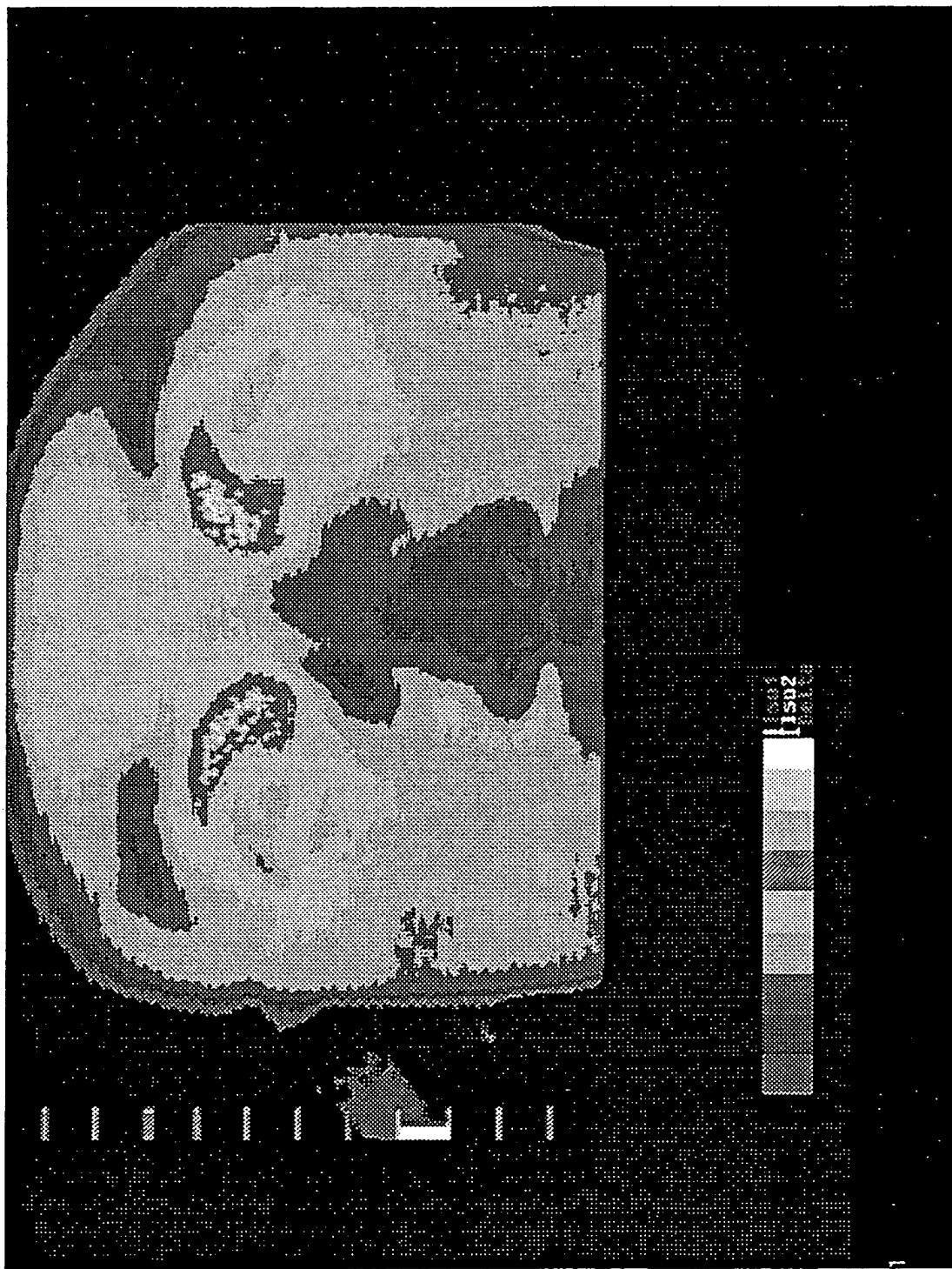


FIG. 1B

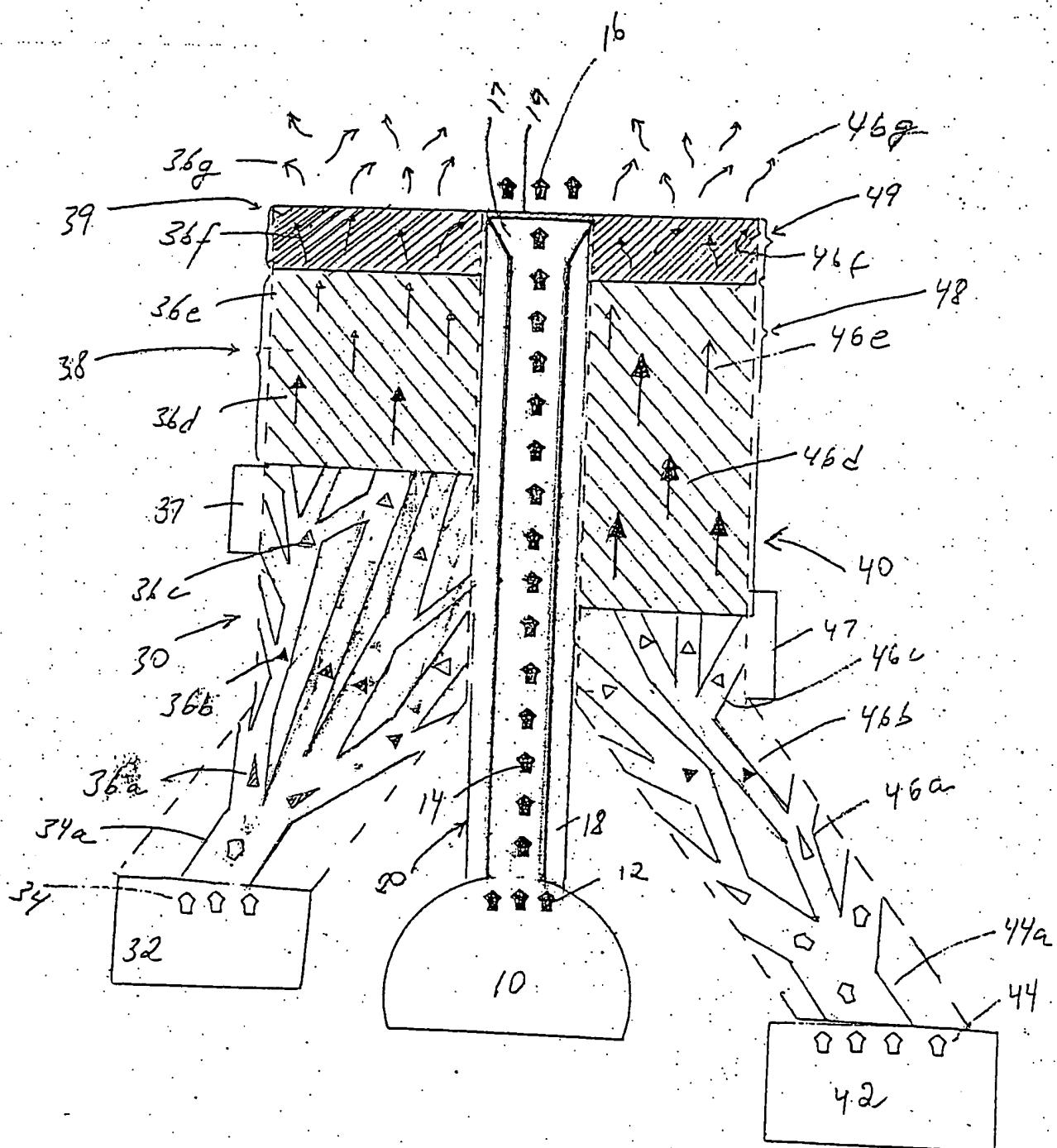


Fig. 24

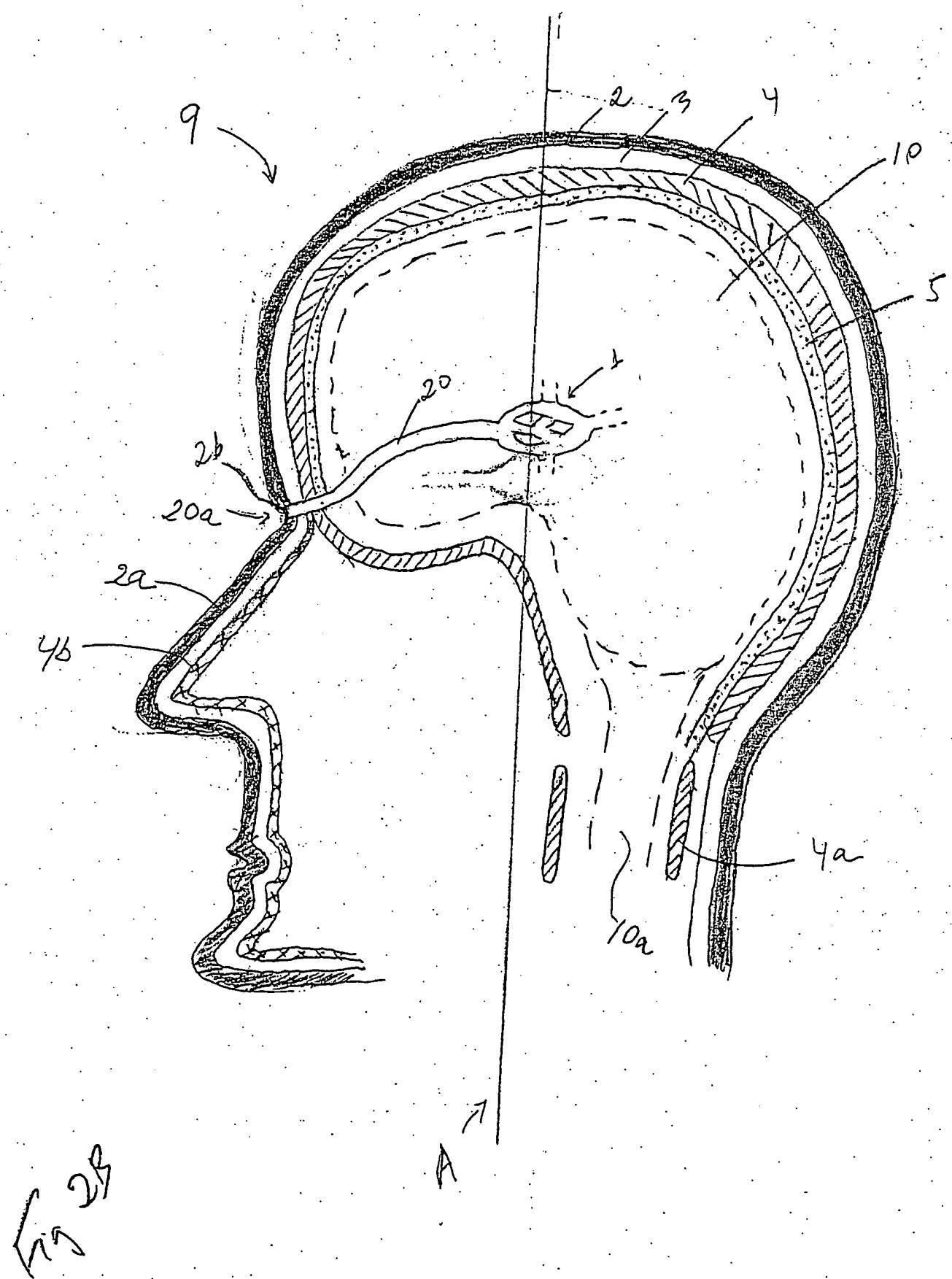


Fig 2c

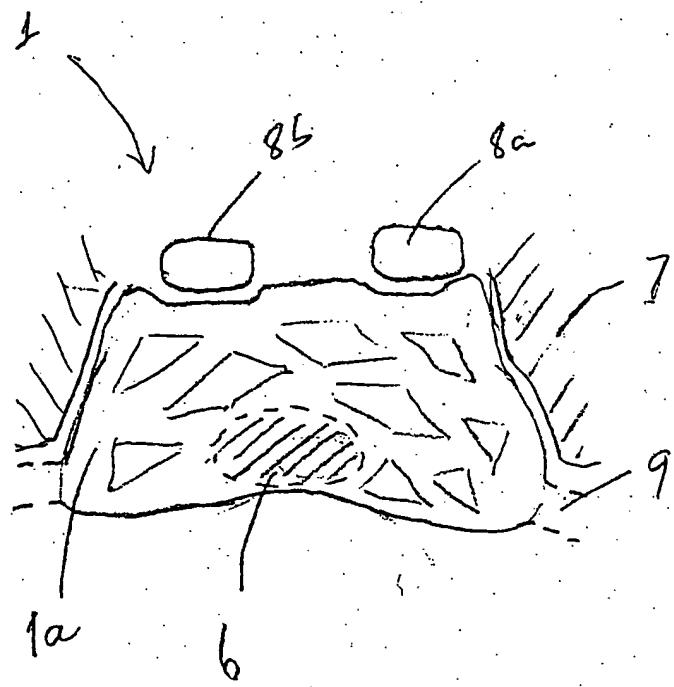




FIG. 3A

Fig 3B

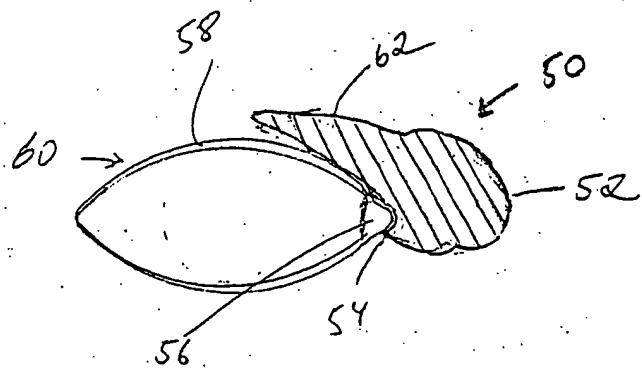
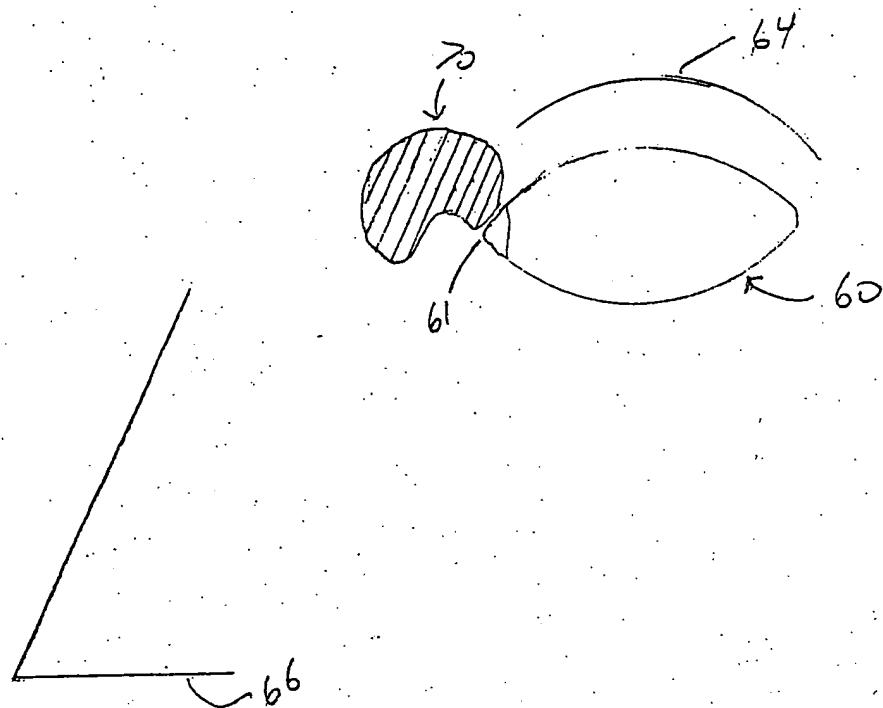




FIG. 4A

Fig 4B



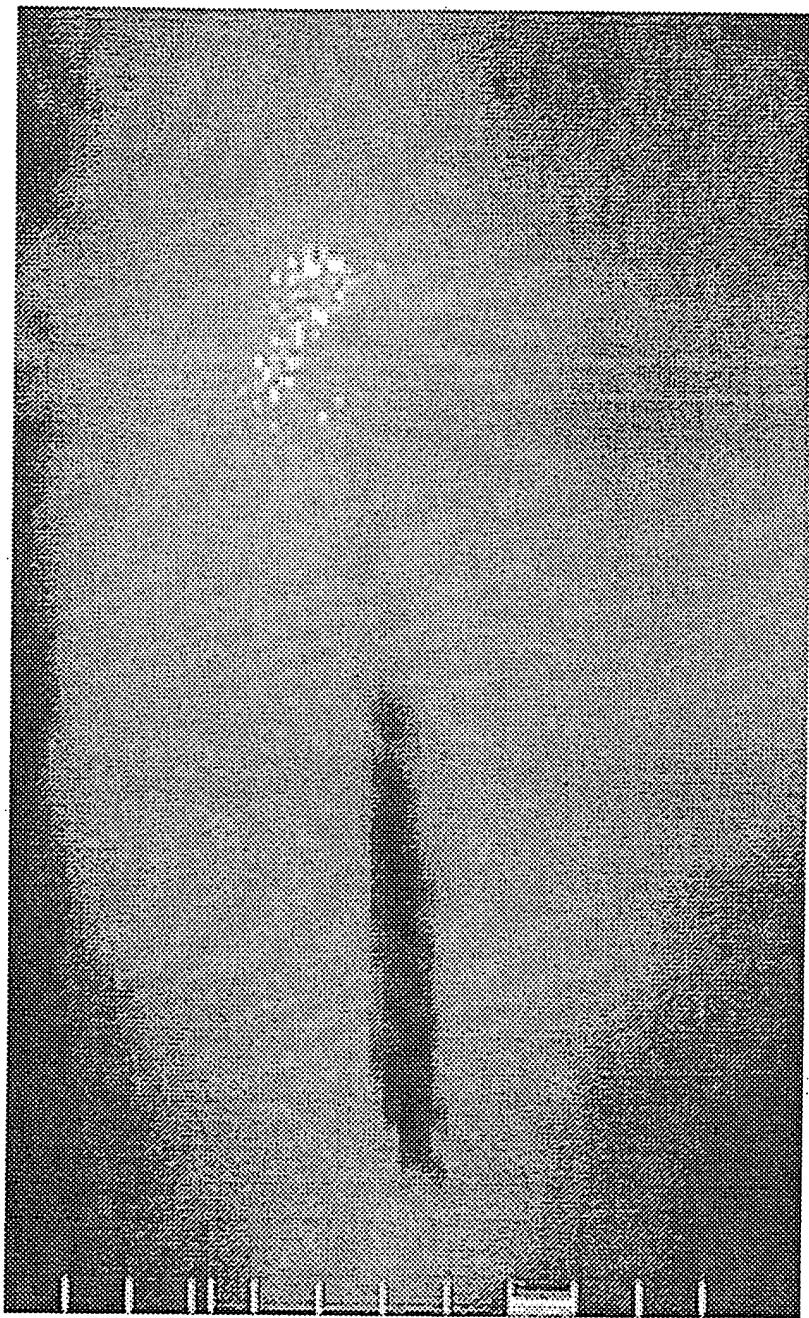


FIG. 5A

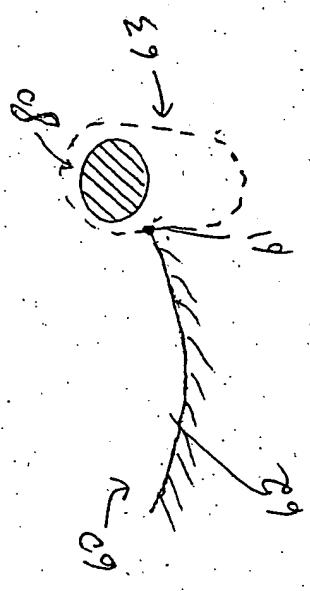


Fig 59

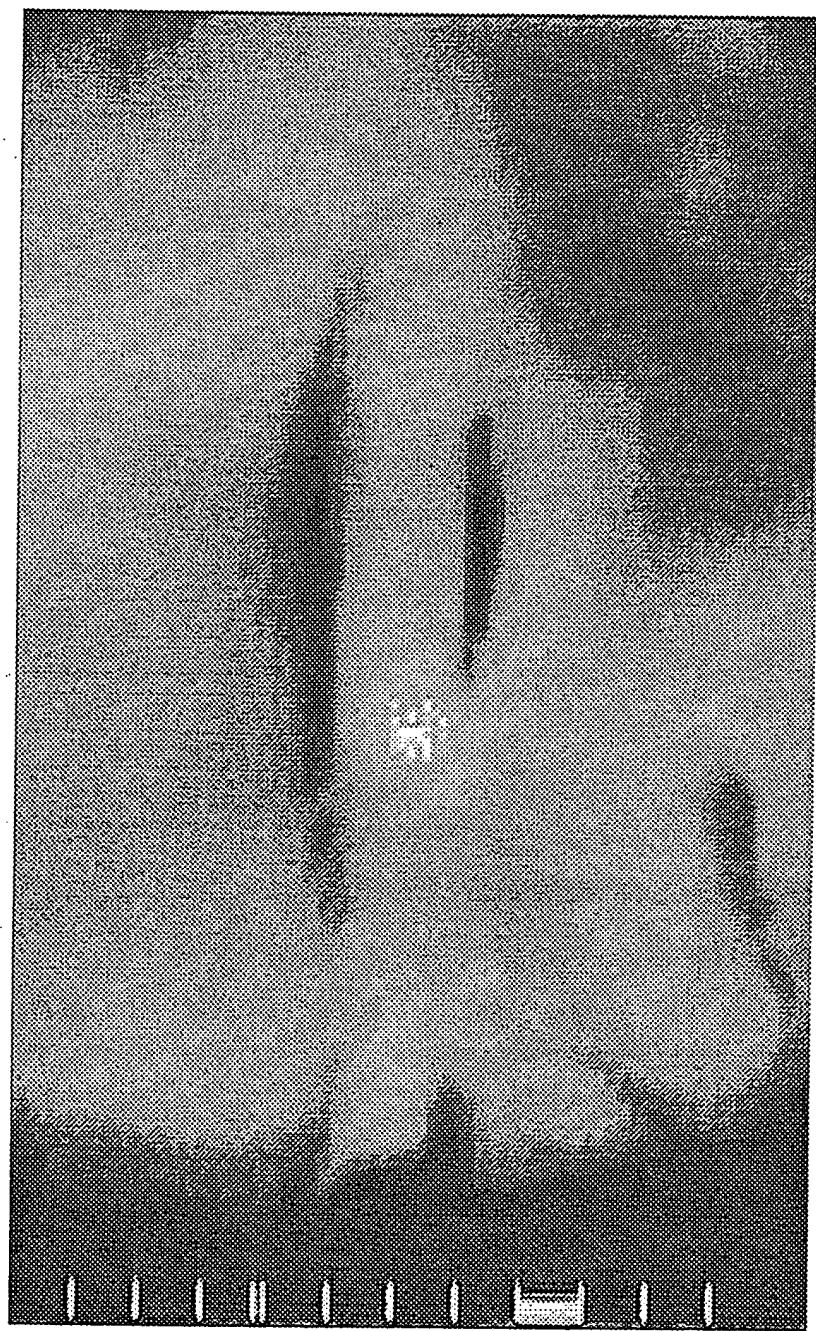


FIG. 5C

Fig SD

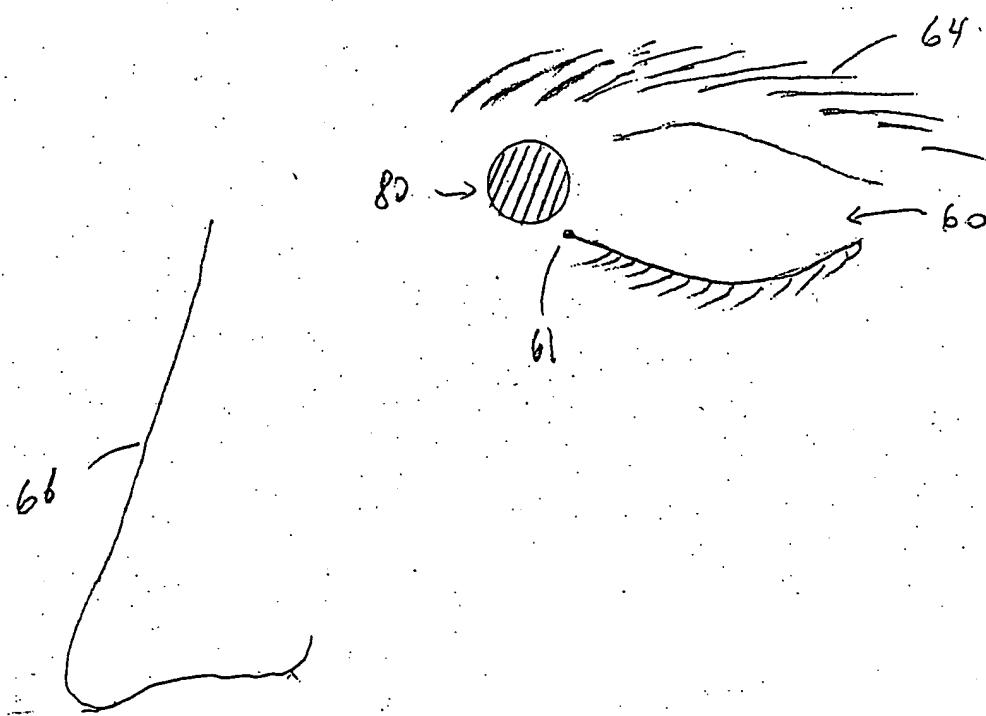


Fig. 6

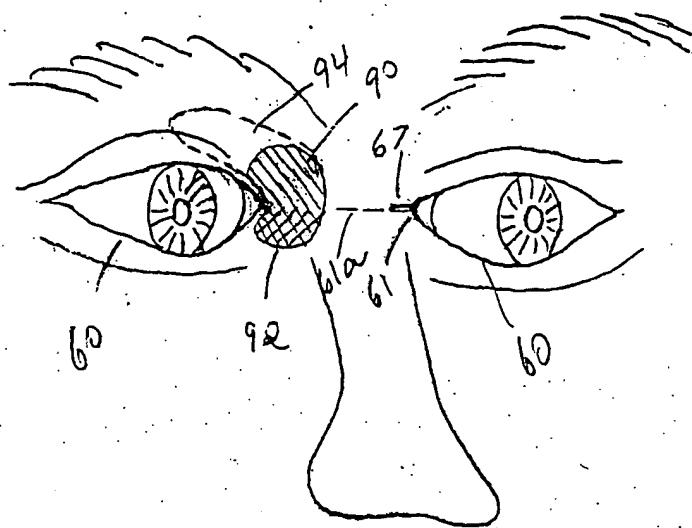
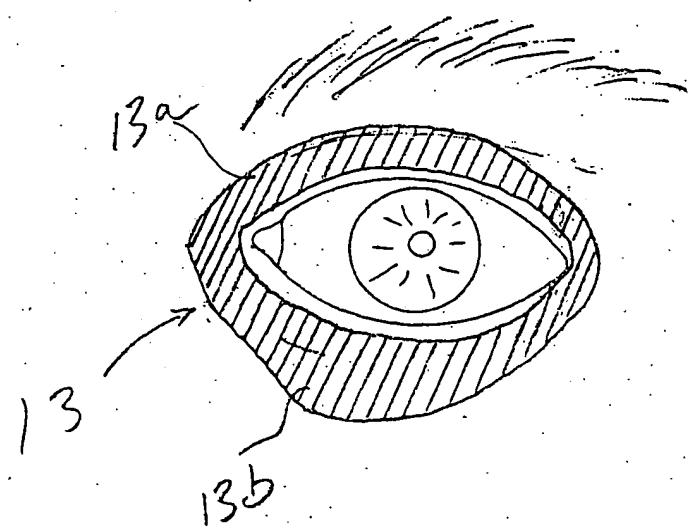
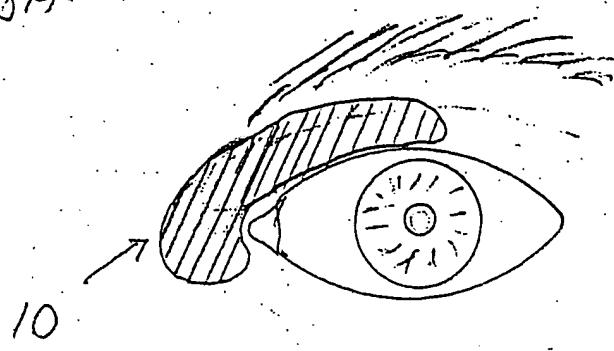


FIG 6A.



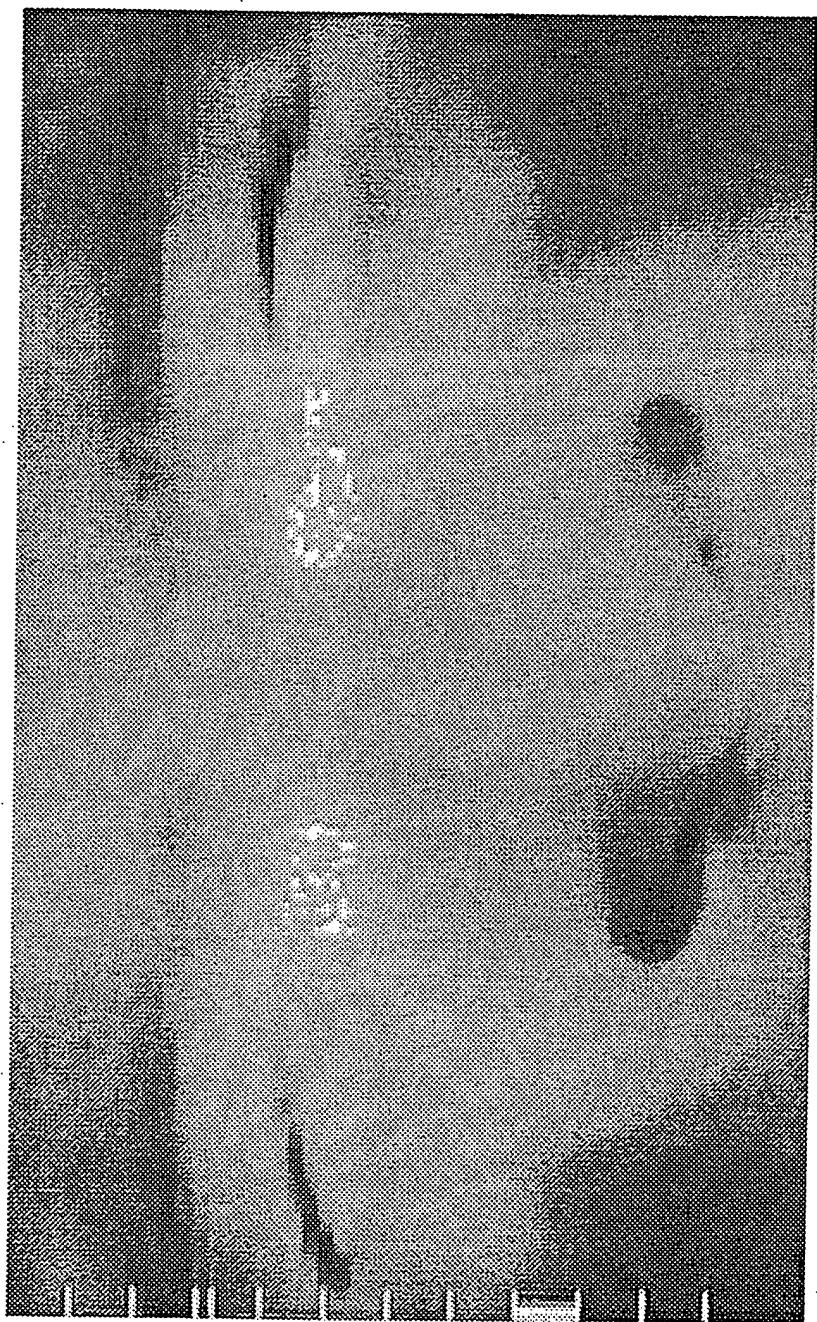


FIG. 7A

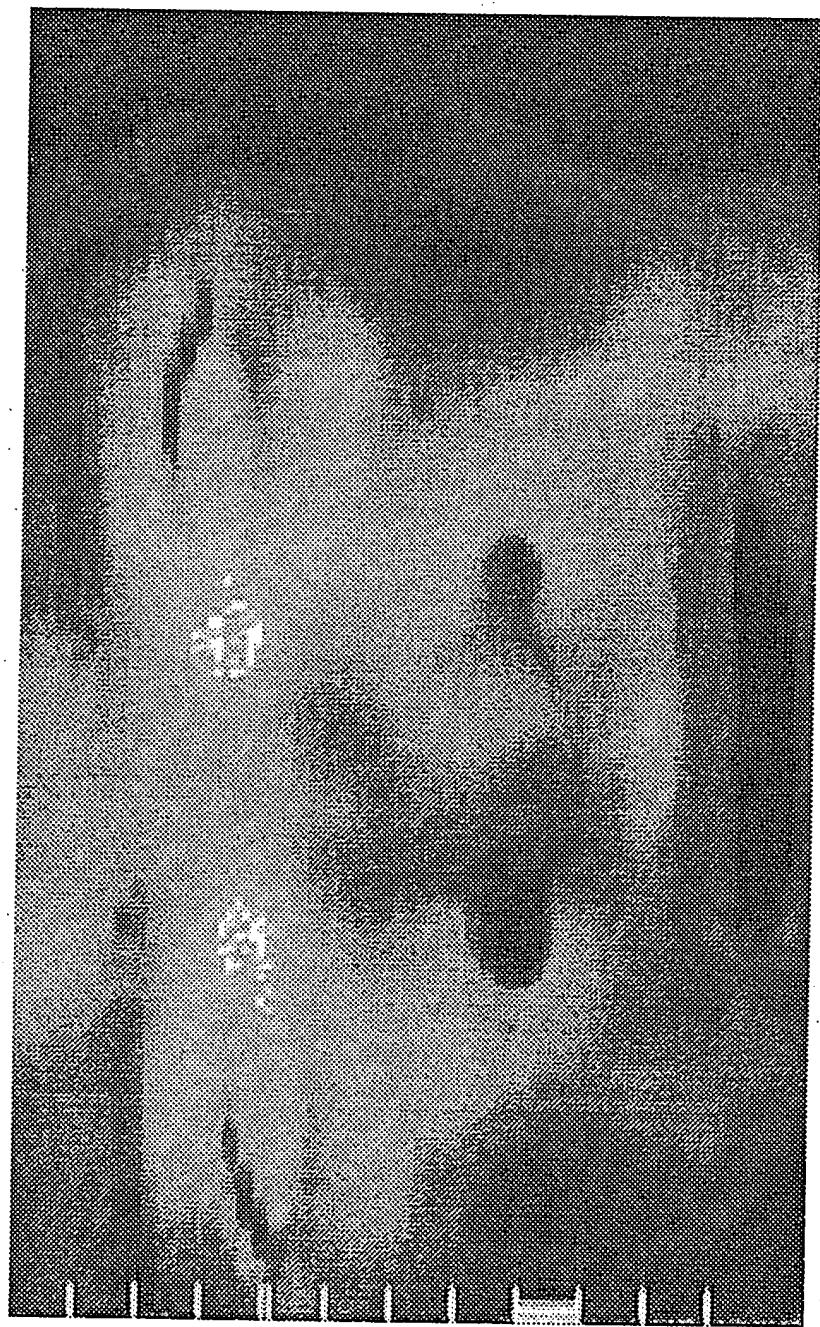


FIG. 7B

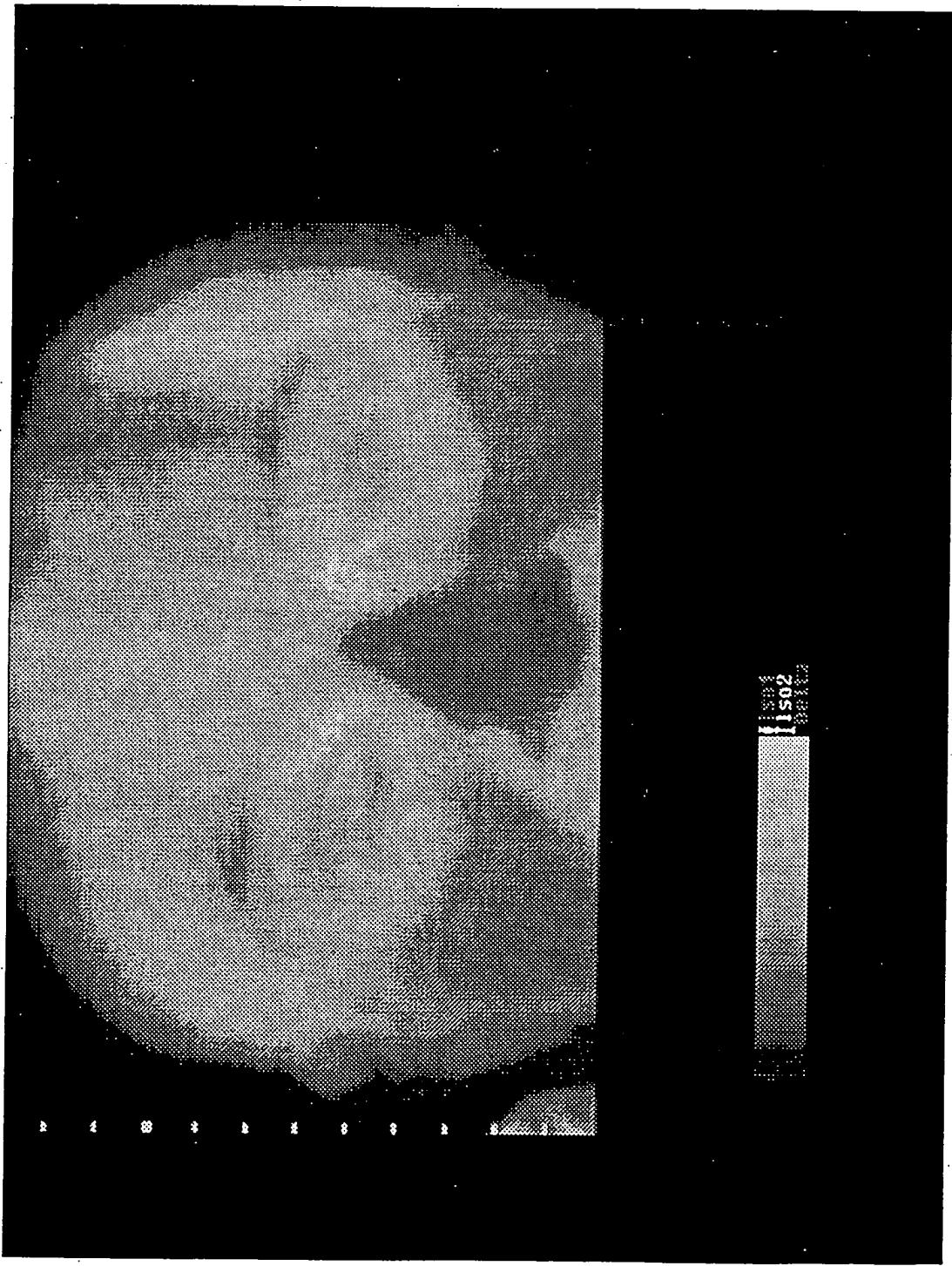


FIG. 8A

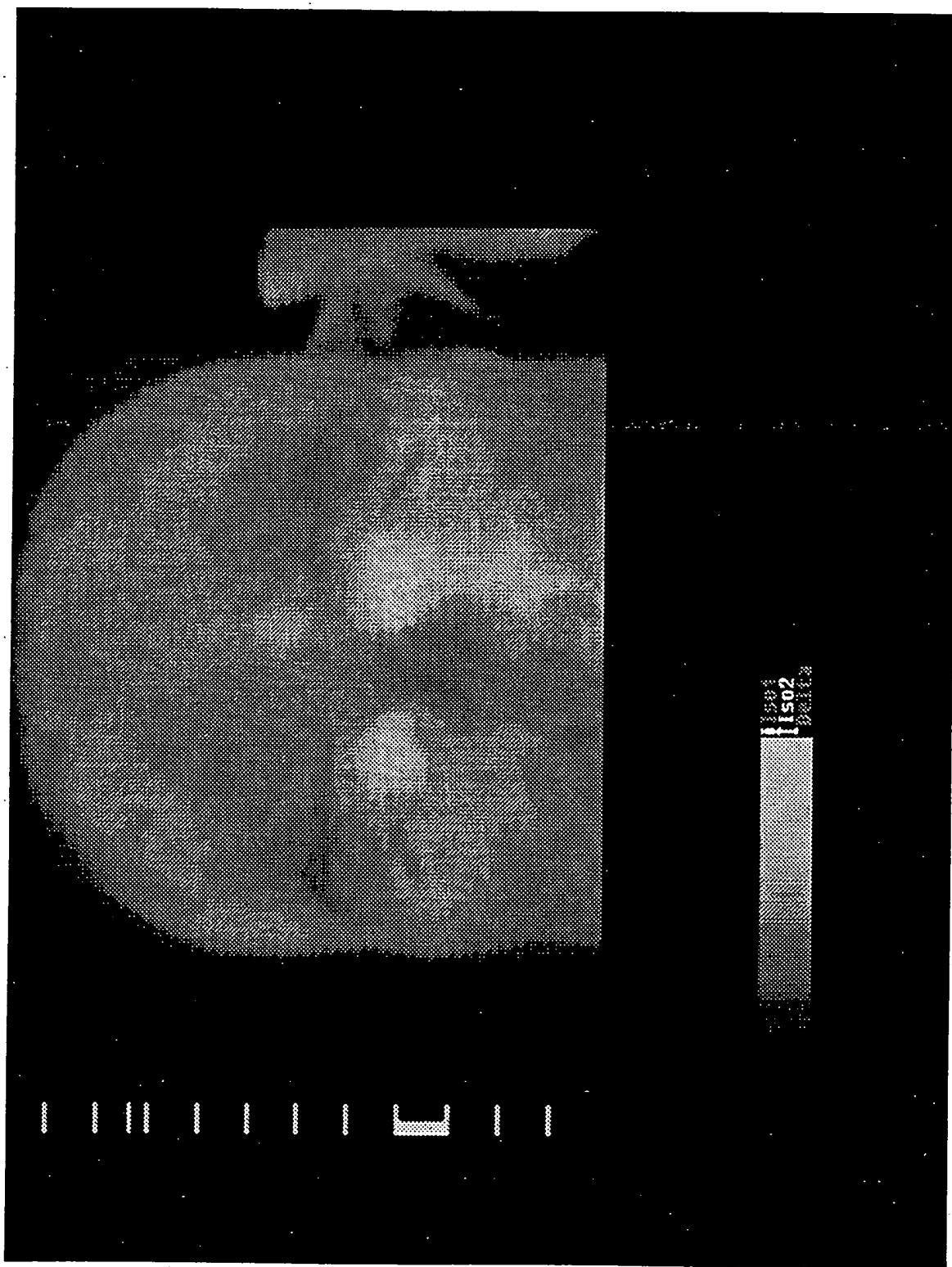


FIG. 8B



FIG. 9A

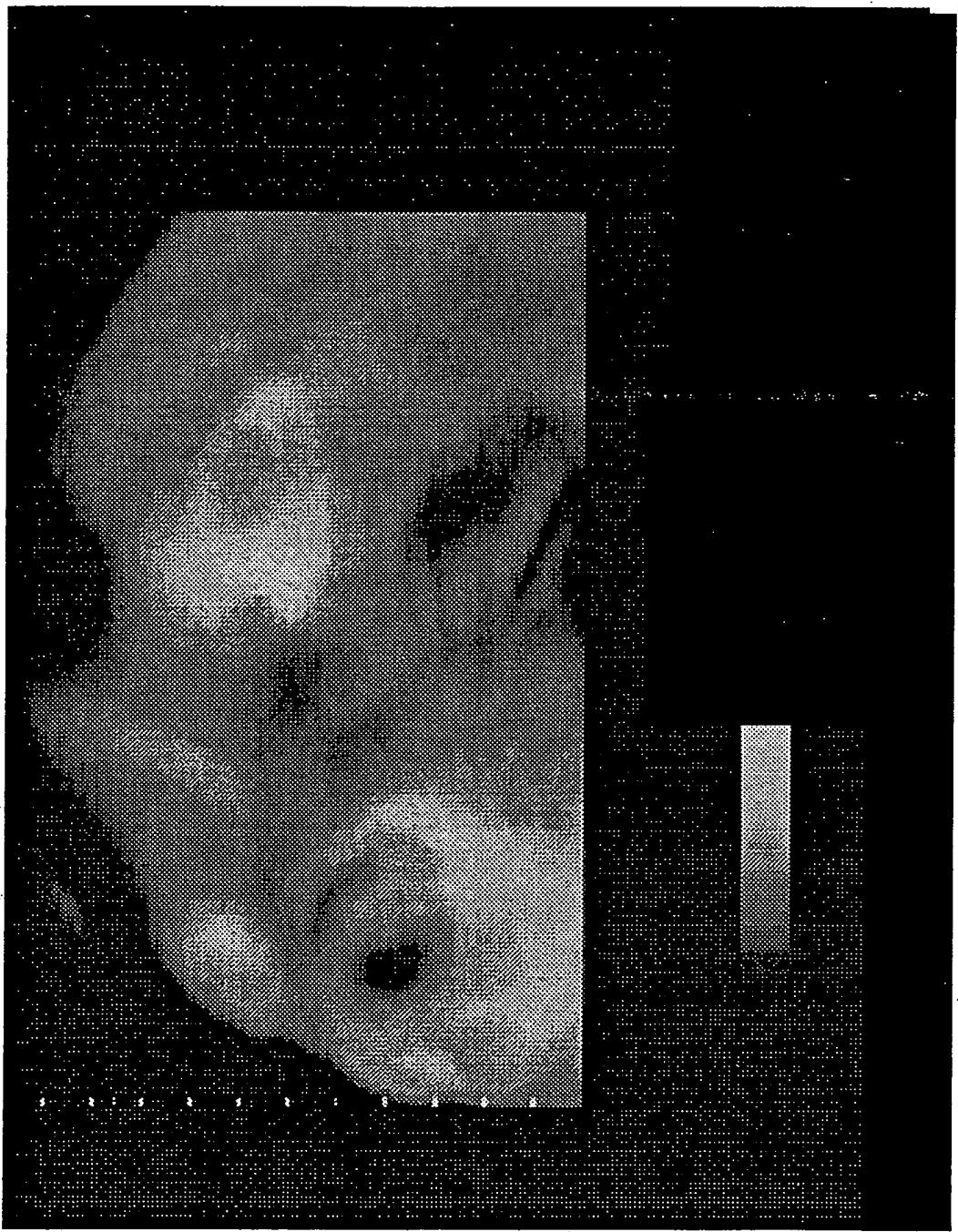
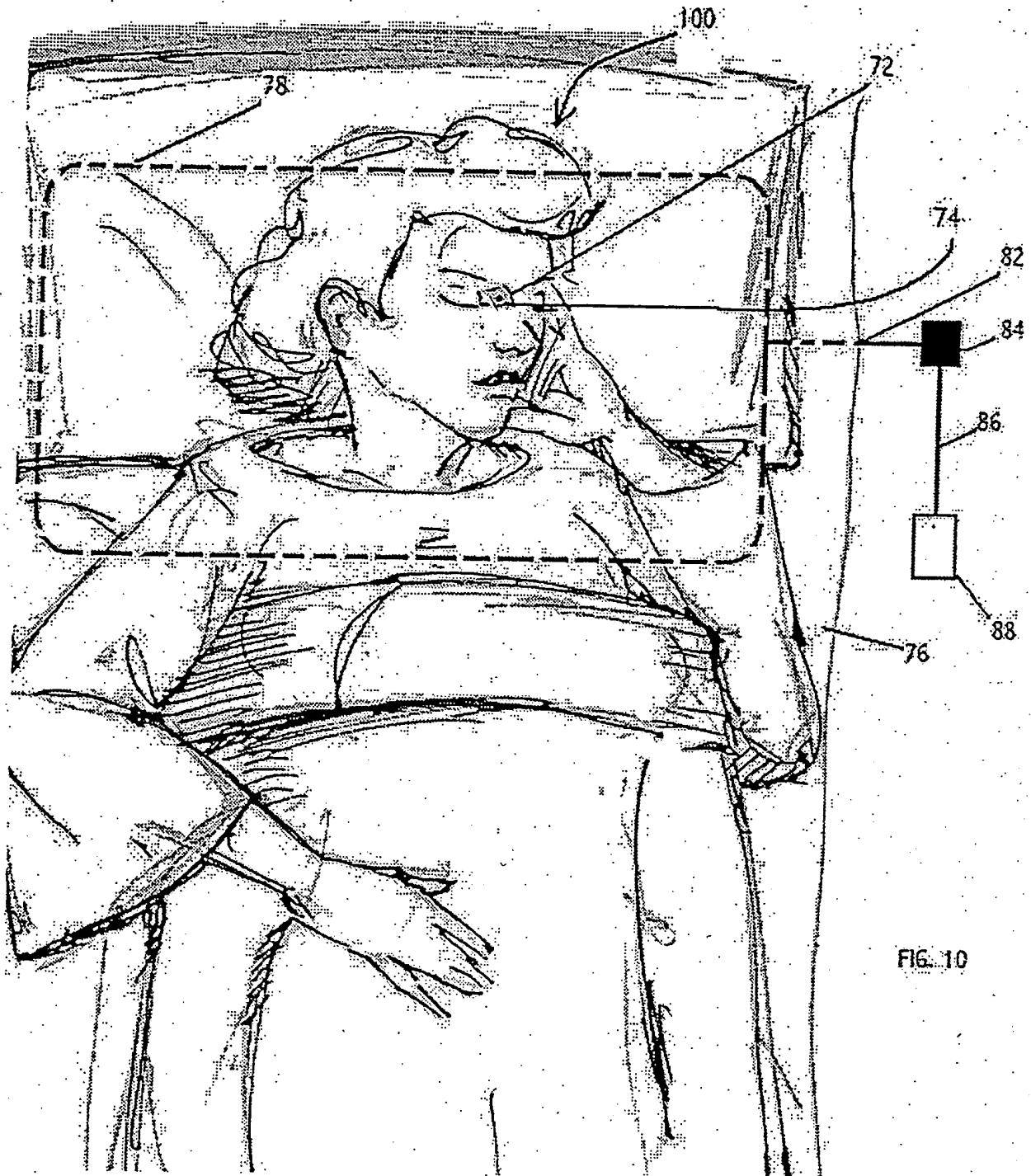


FIG. 9B





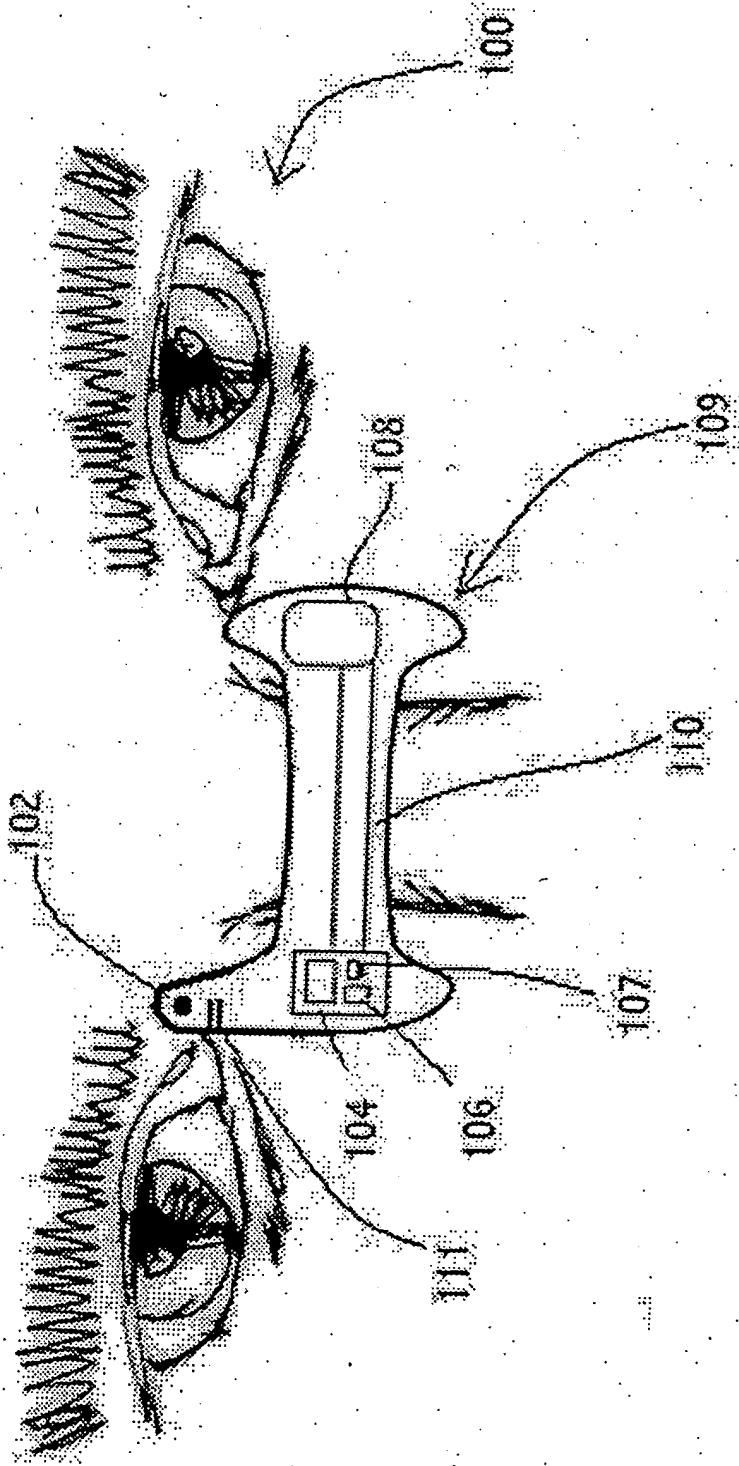


FIG. 12A

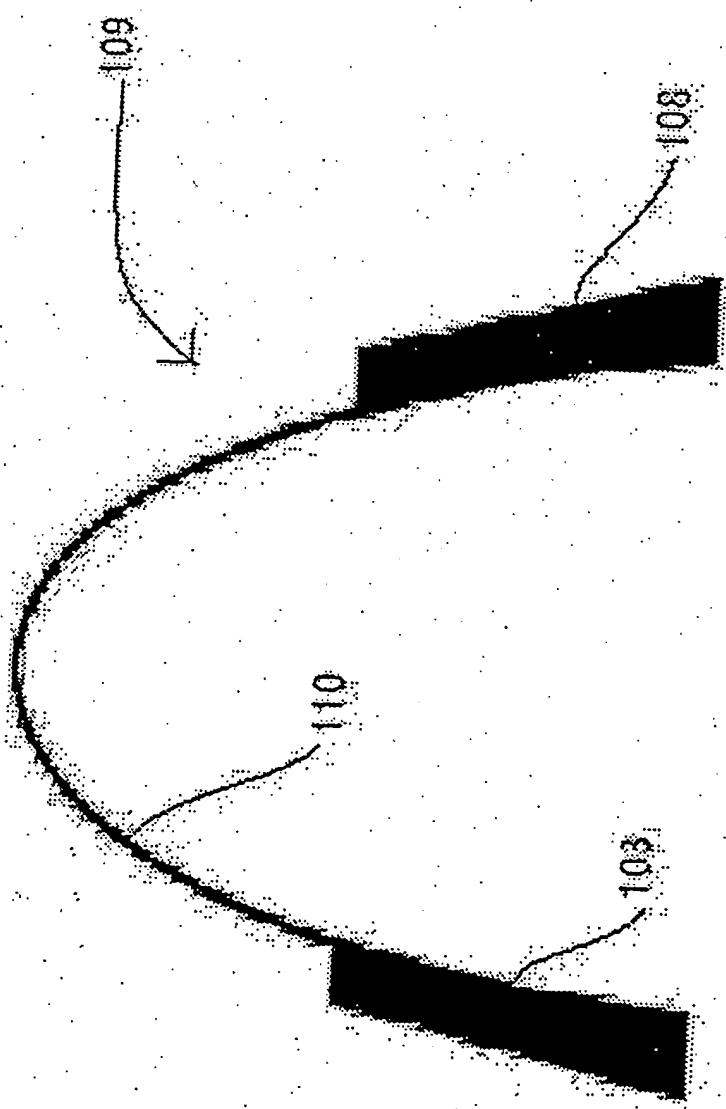


FIG. 128

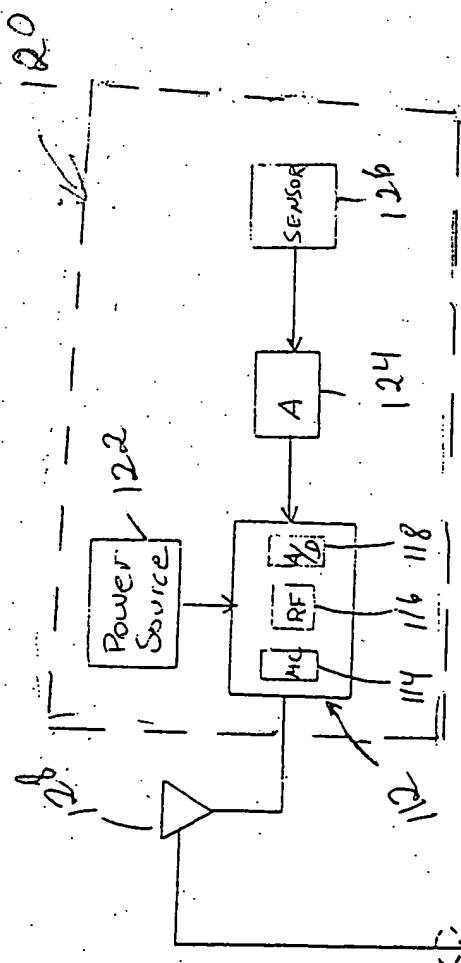


Fig 1

130

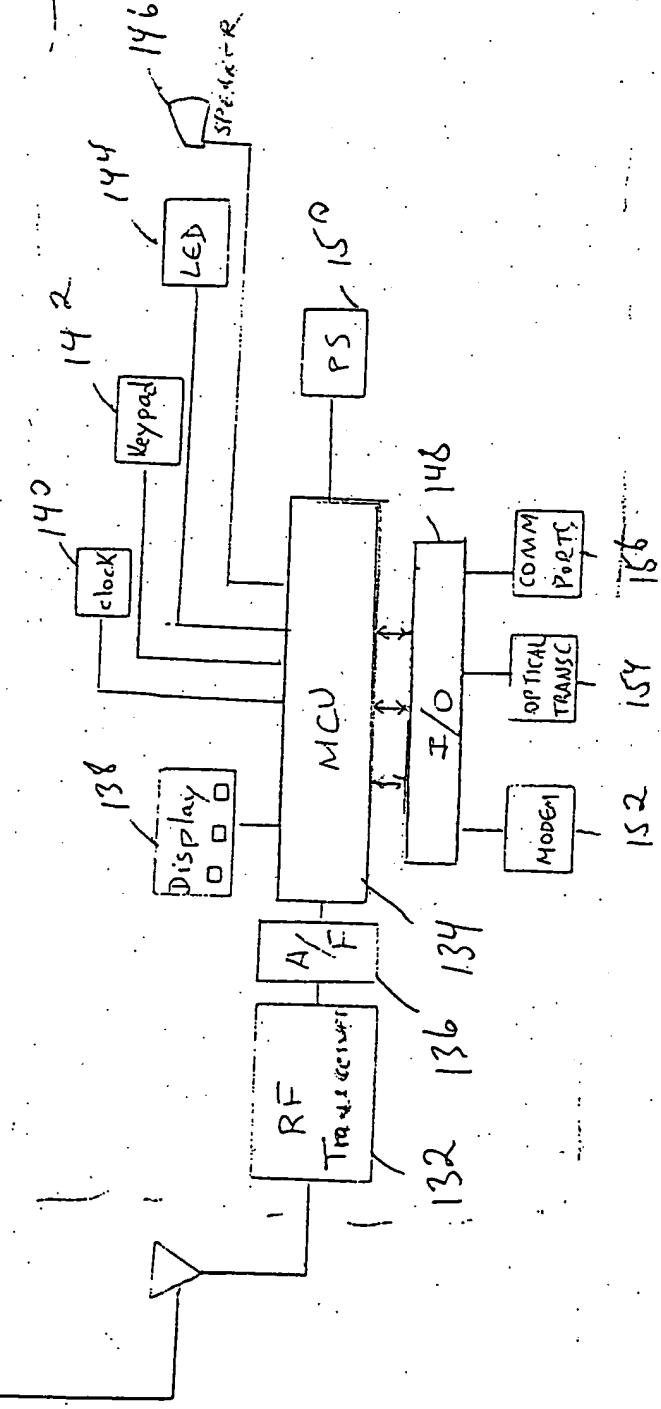


Fig. 14

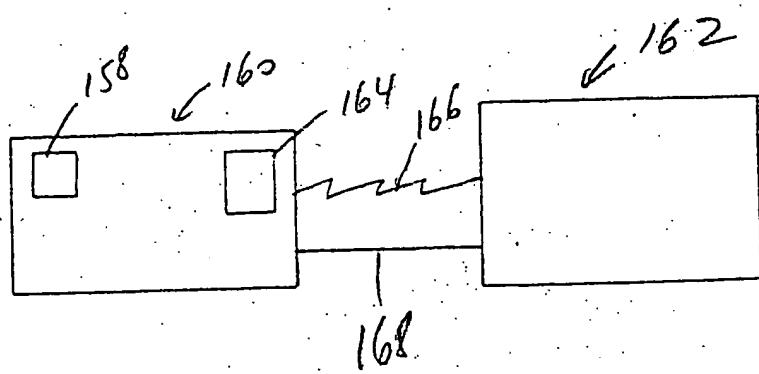


Fig 15A

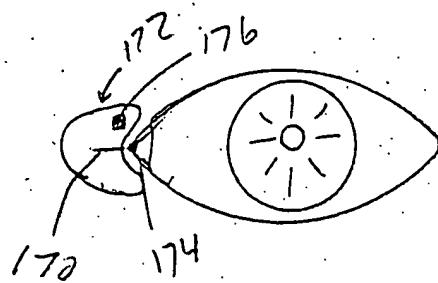


Fig 15B

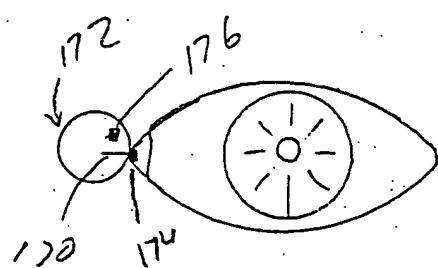


Fig 15C

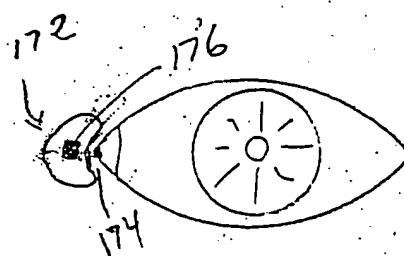


Fig 15D

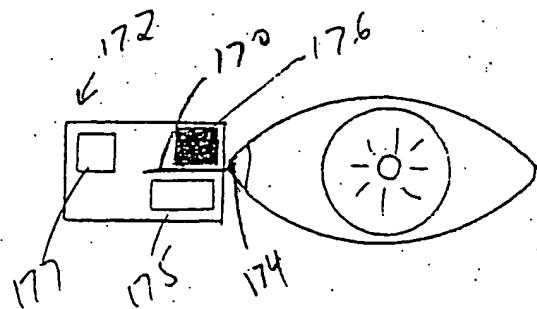
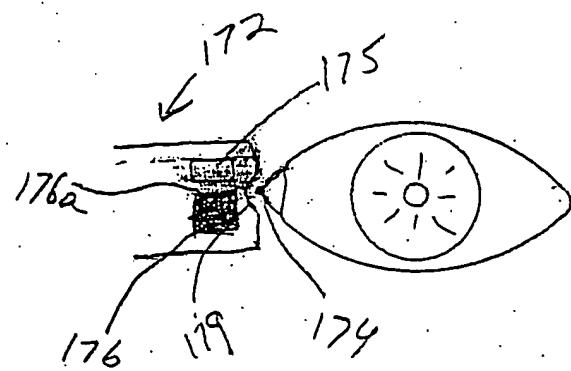
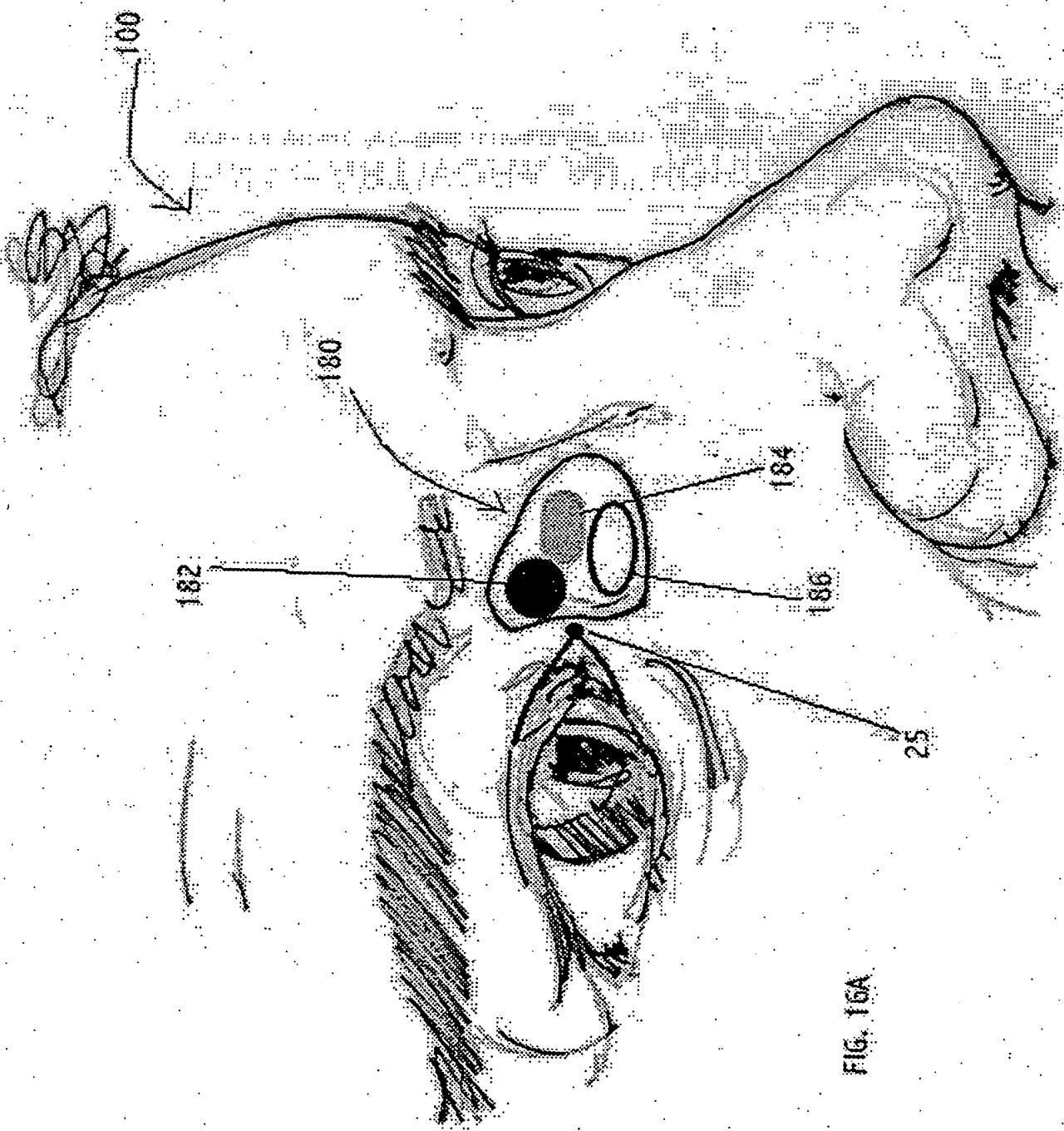
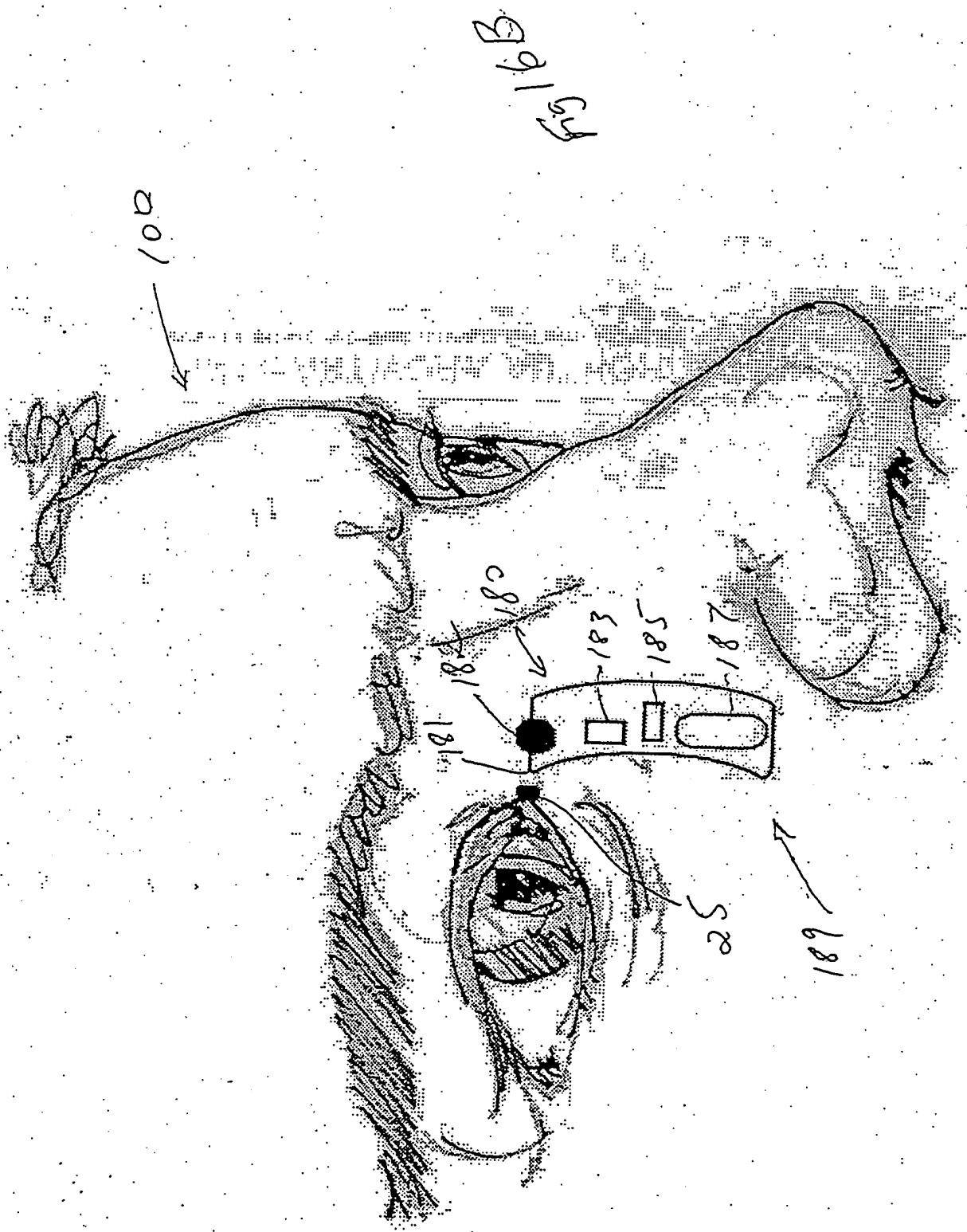


Fig 15E







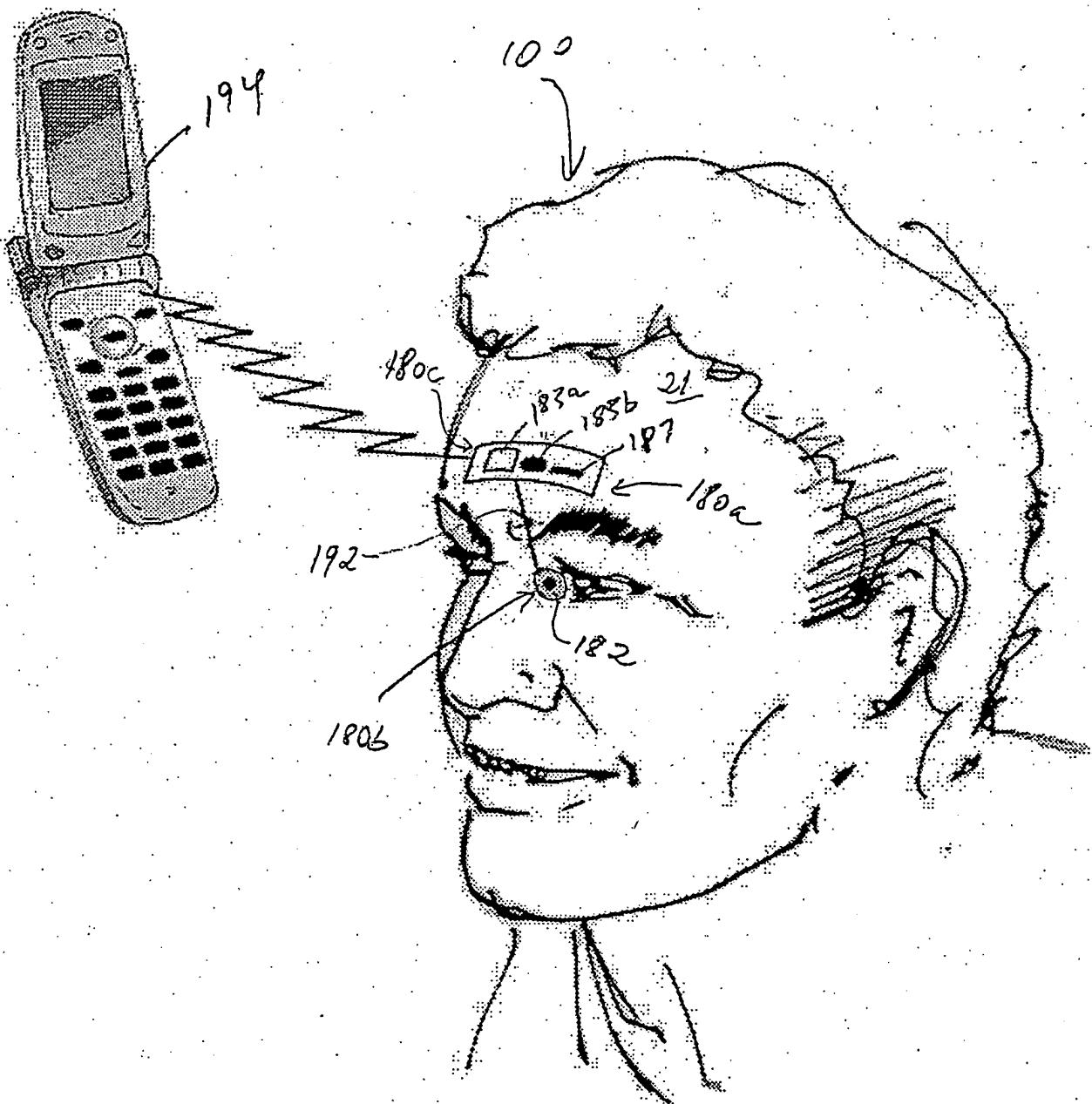


Fig 16 C

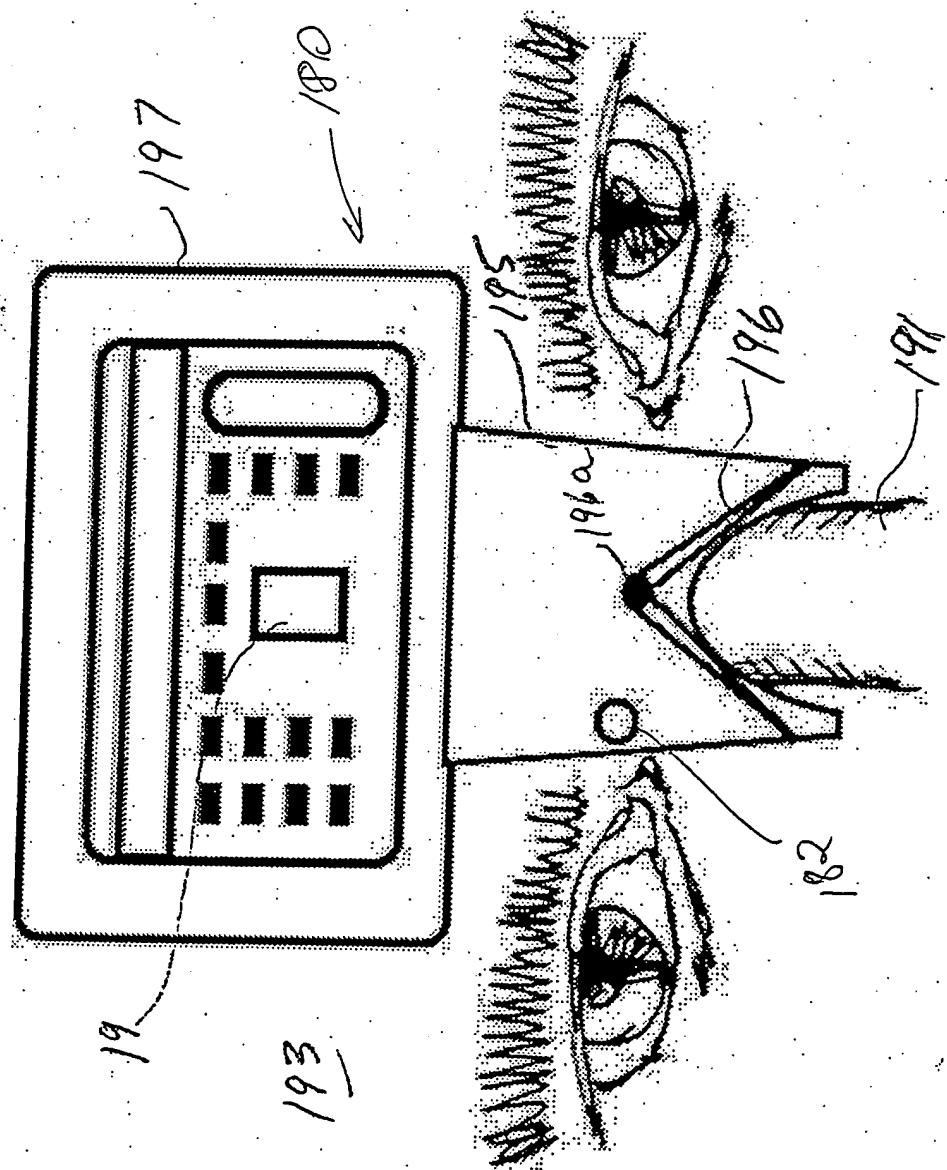


Fig. 17

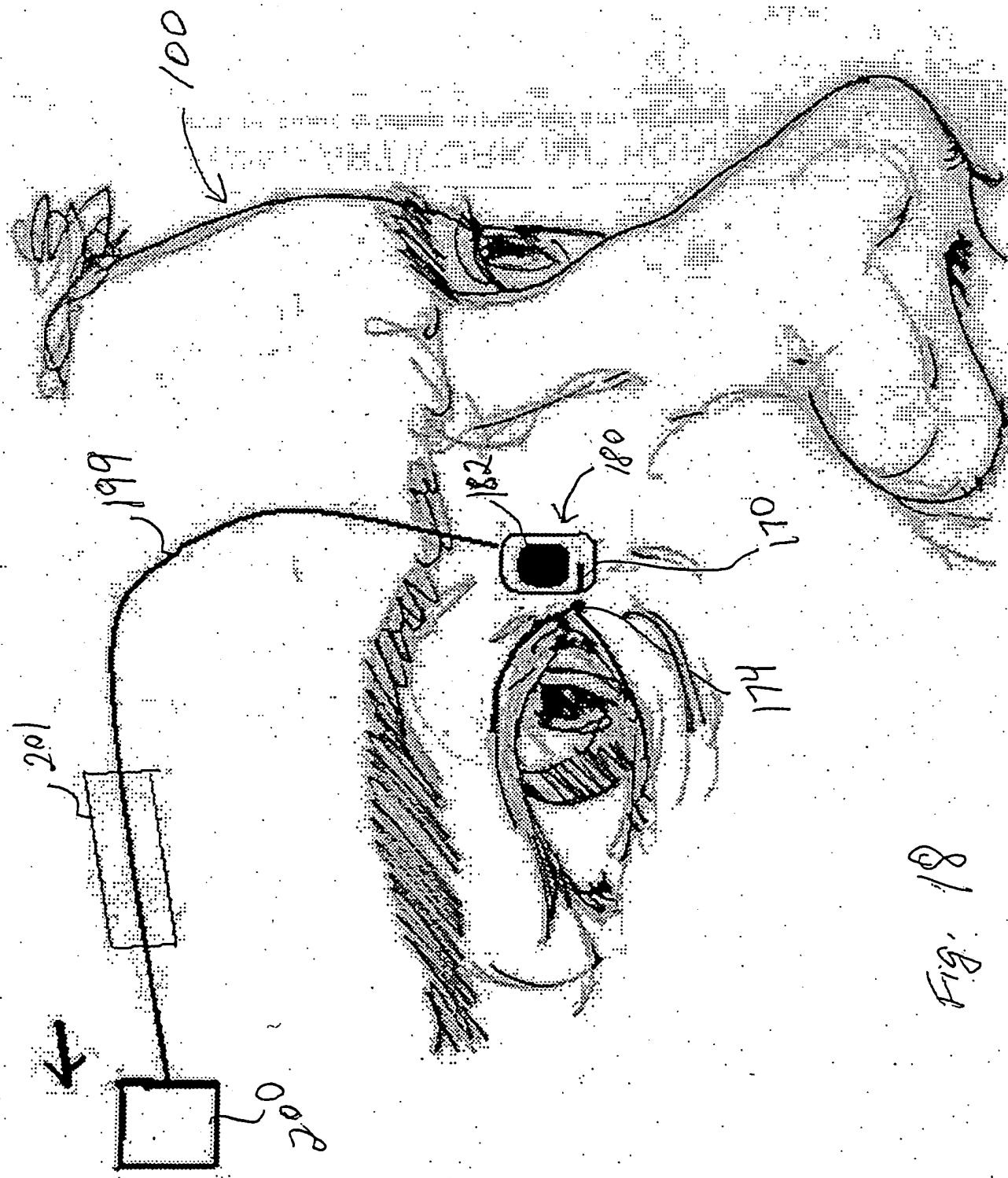


Fig: 18

Fig 19A1

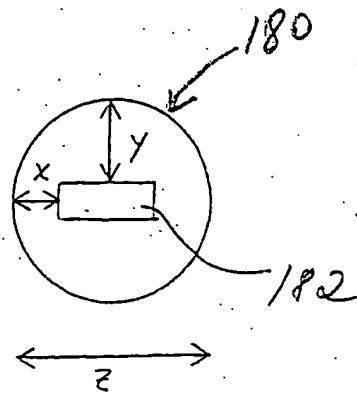


Fig 19A2

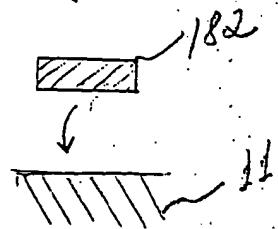


Fig 19B

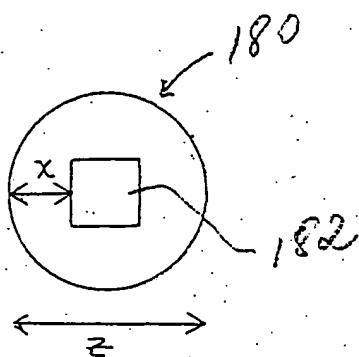


Fig 19 C

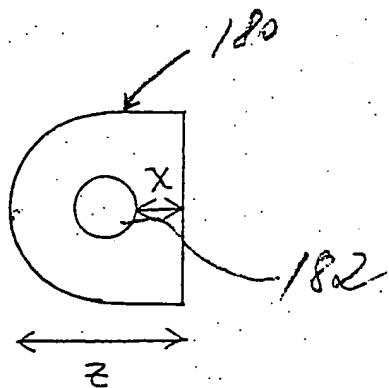
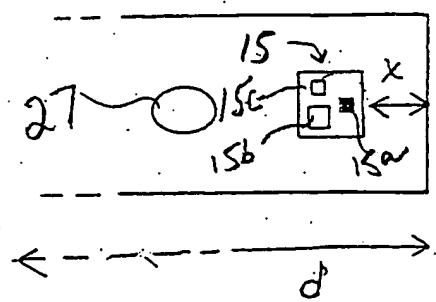


Fig 19 D



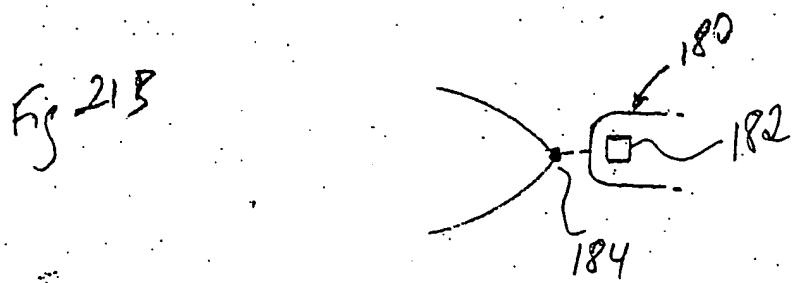
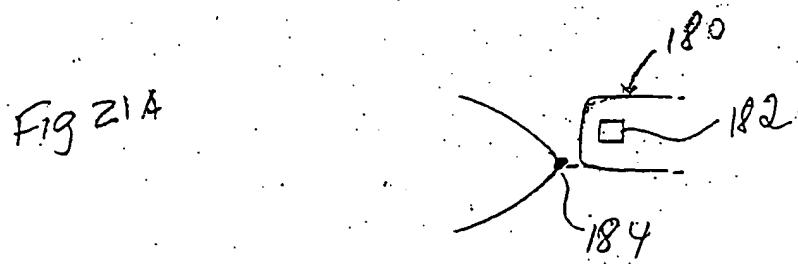
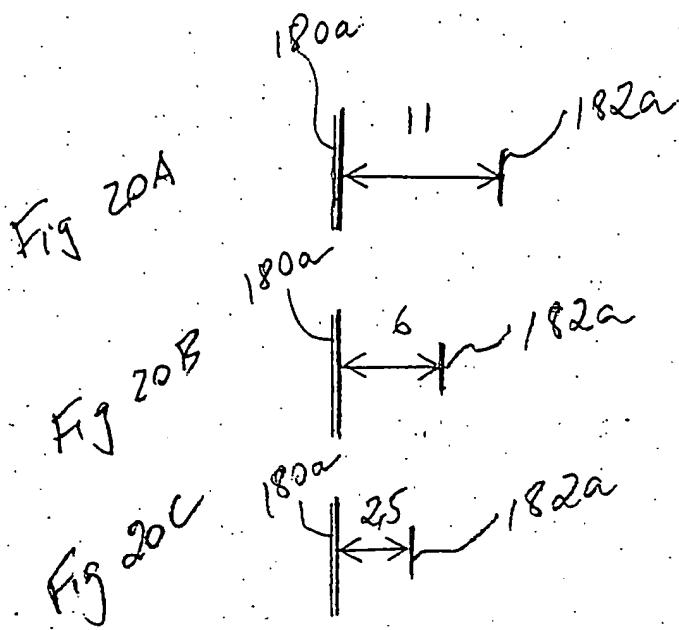
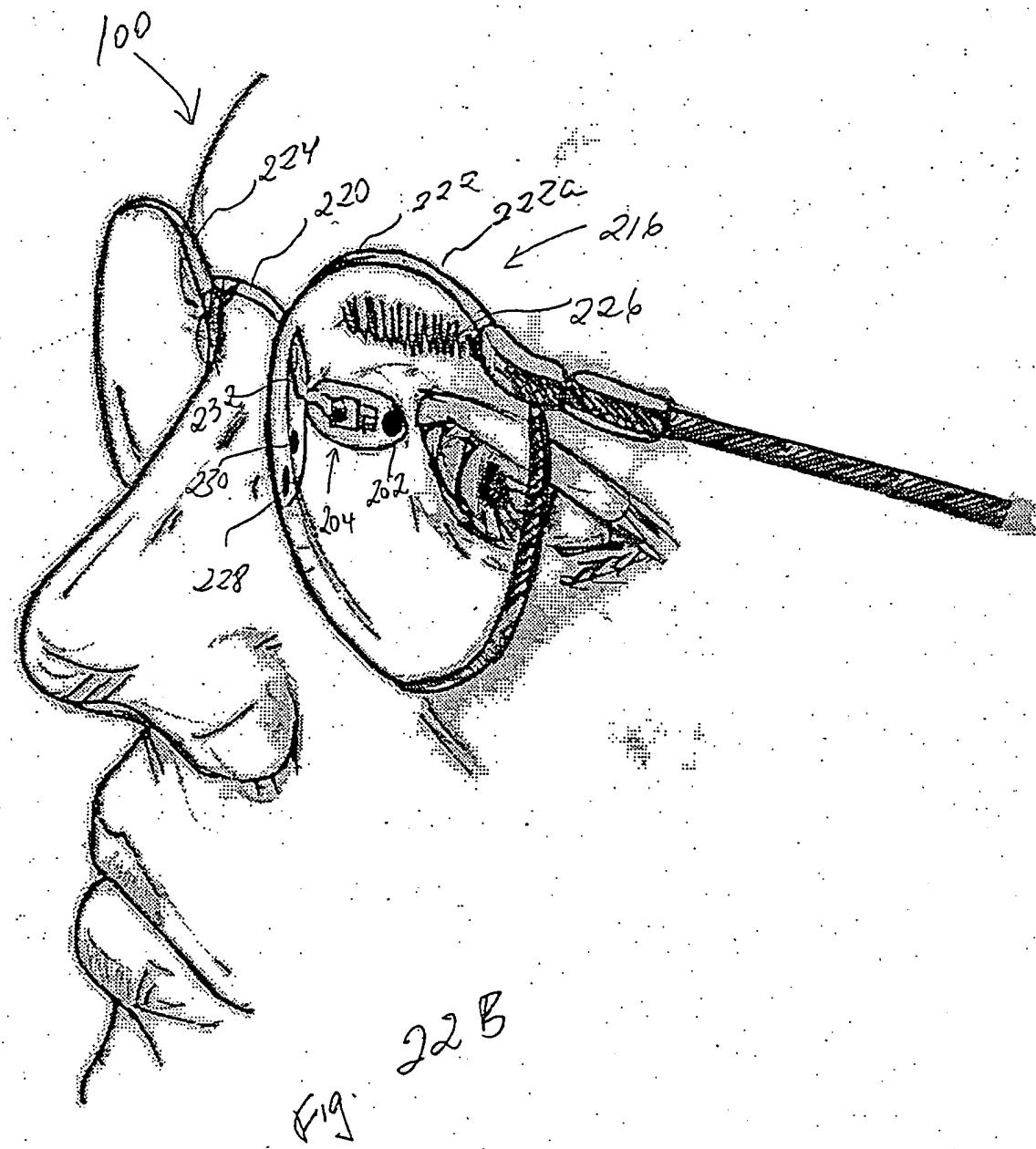
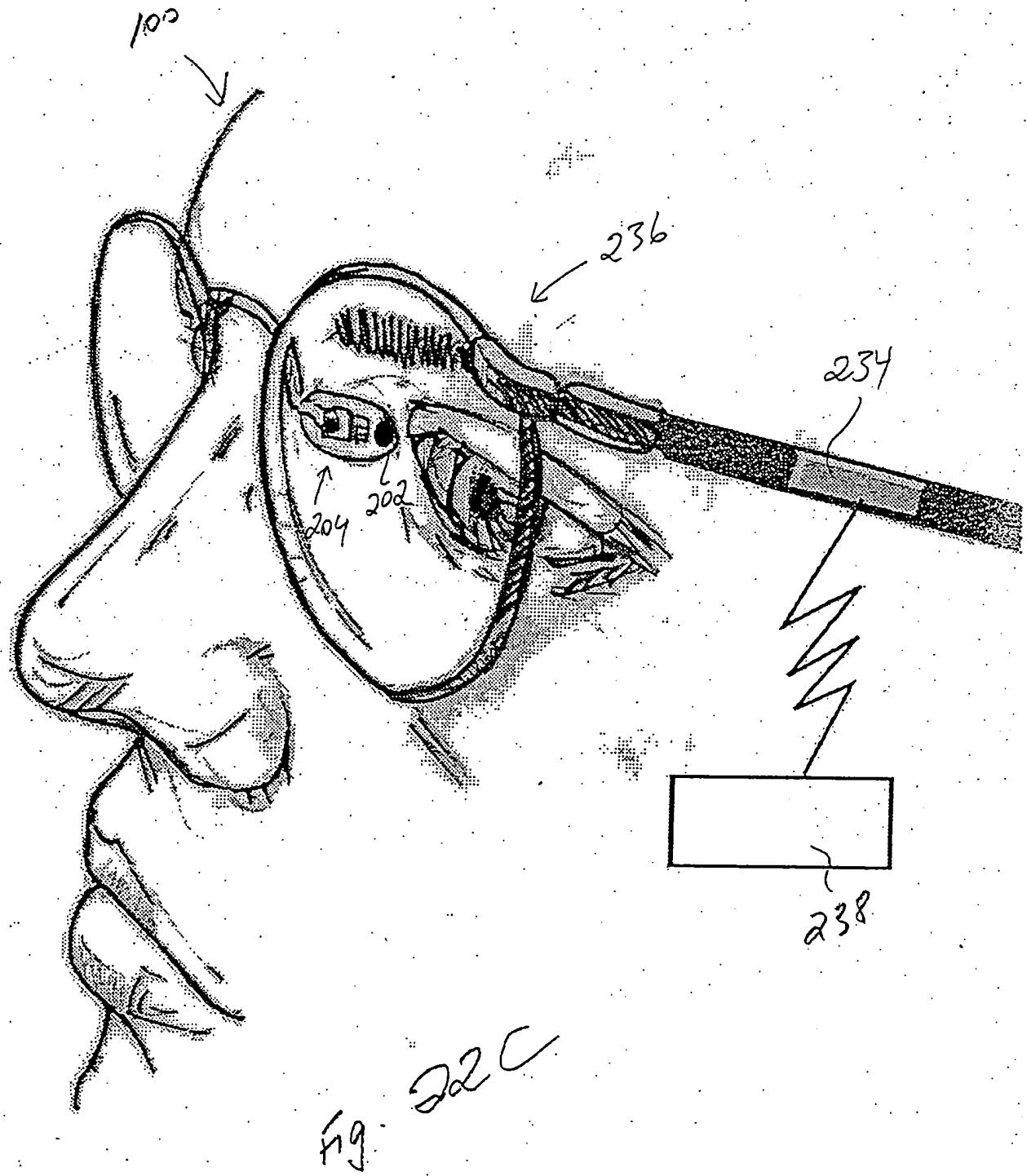




Fig 224





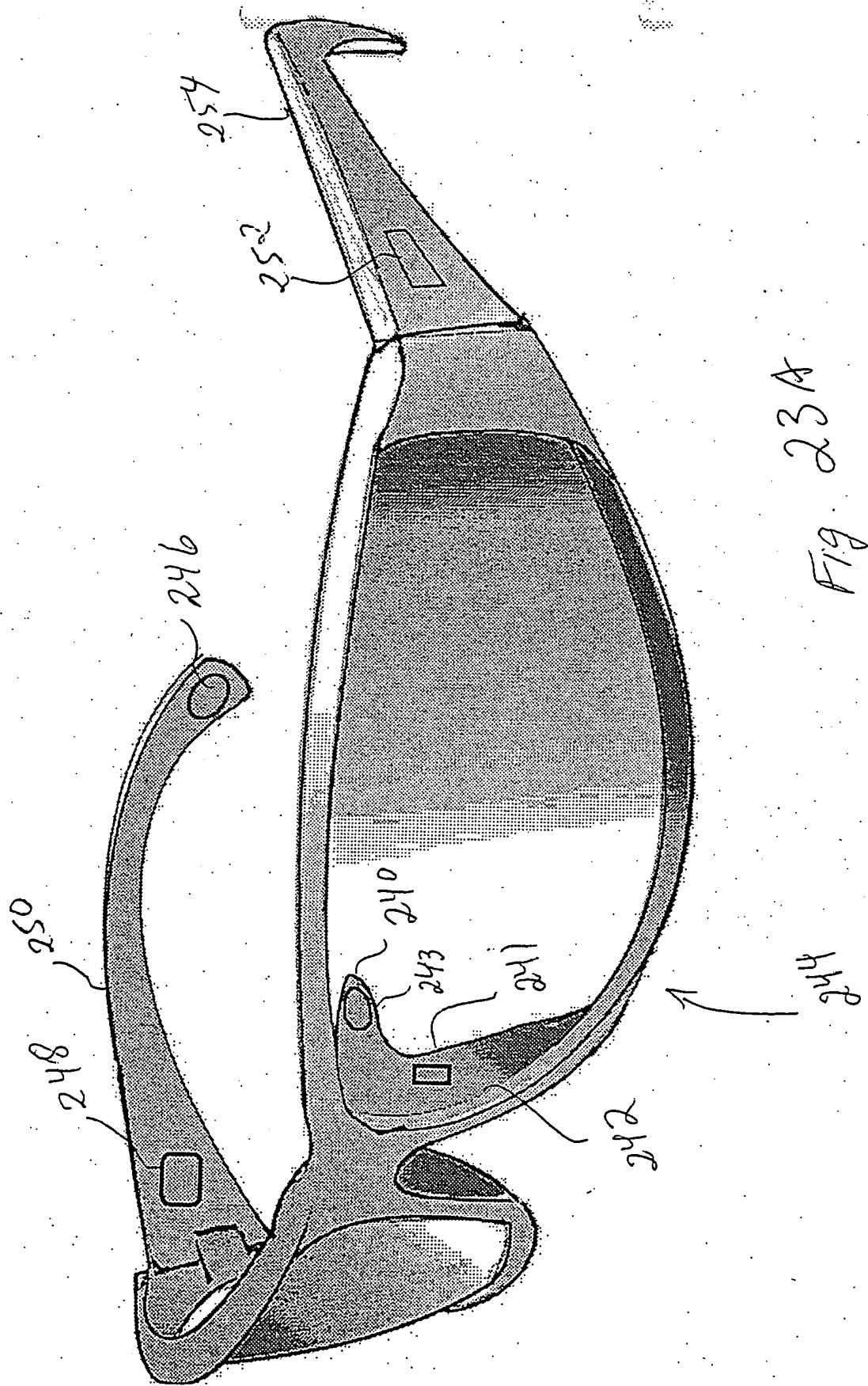
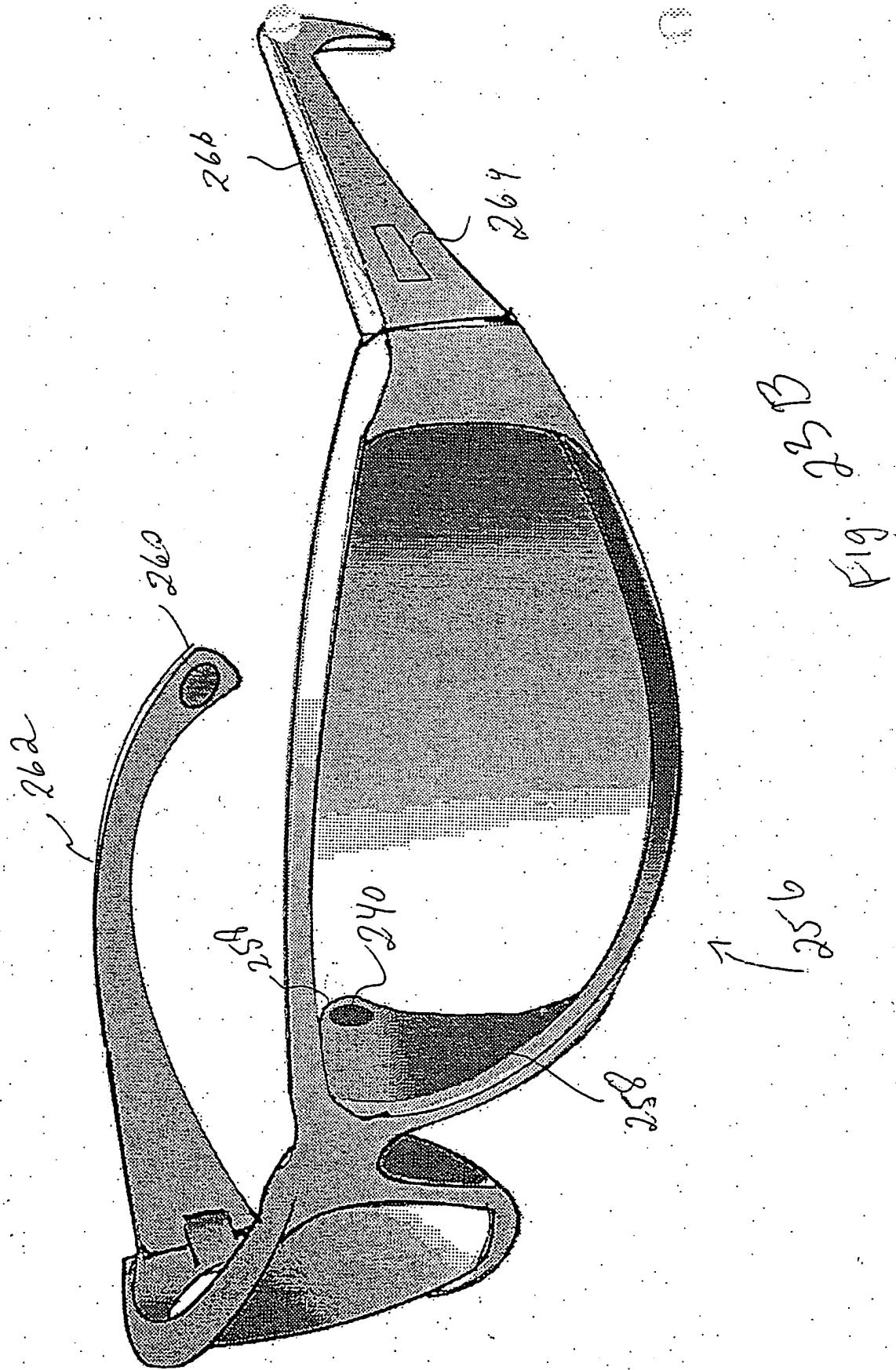
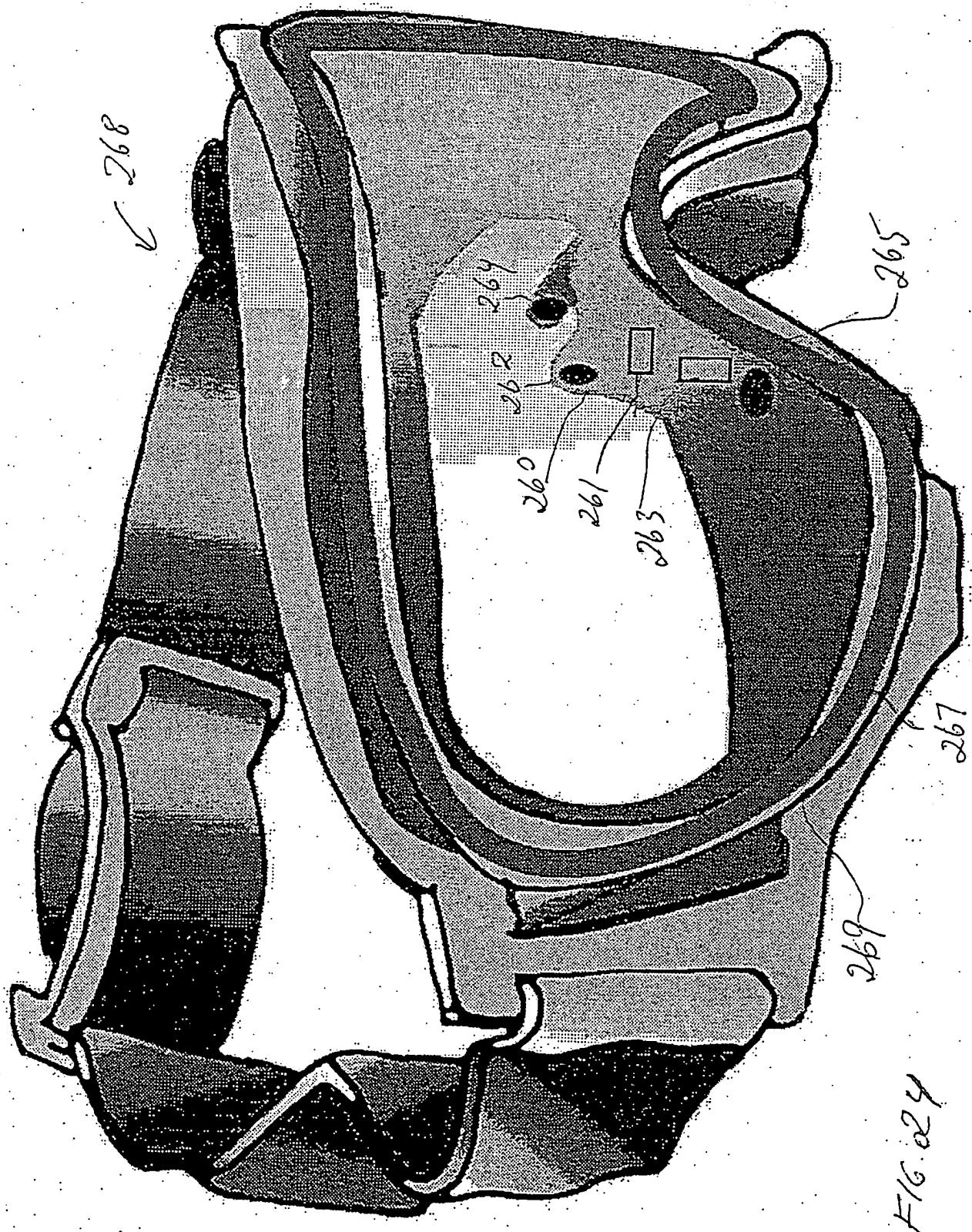
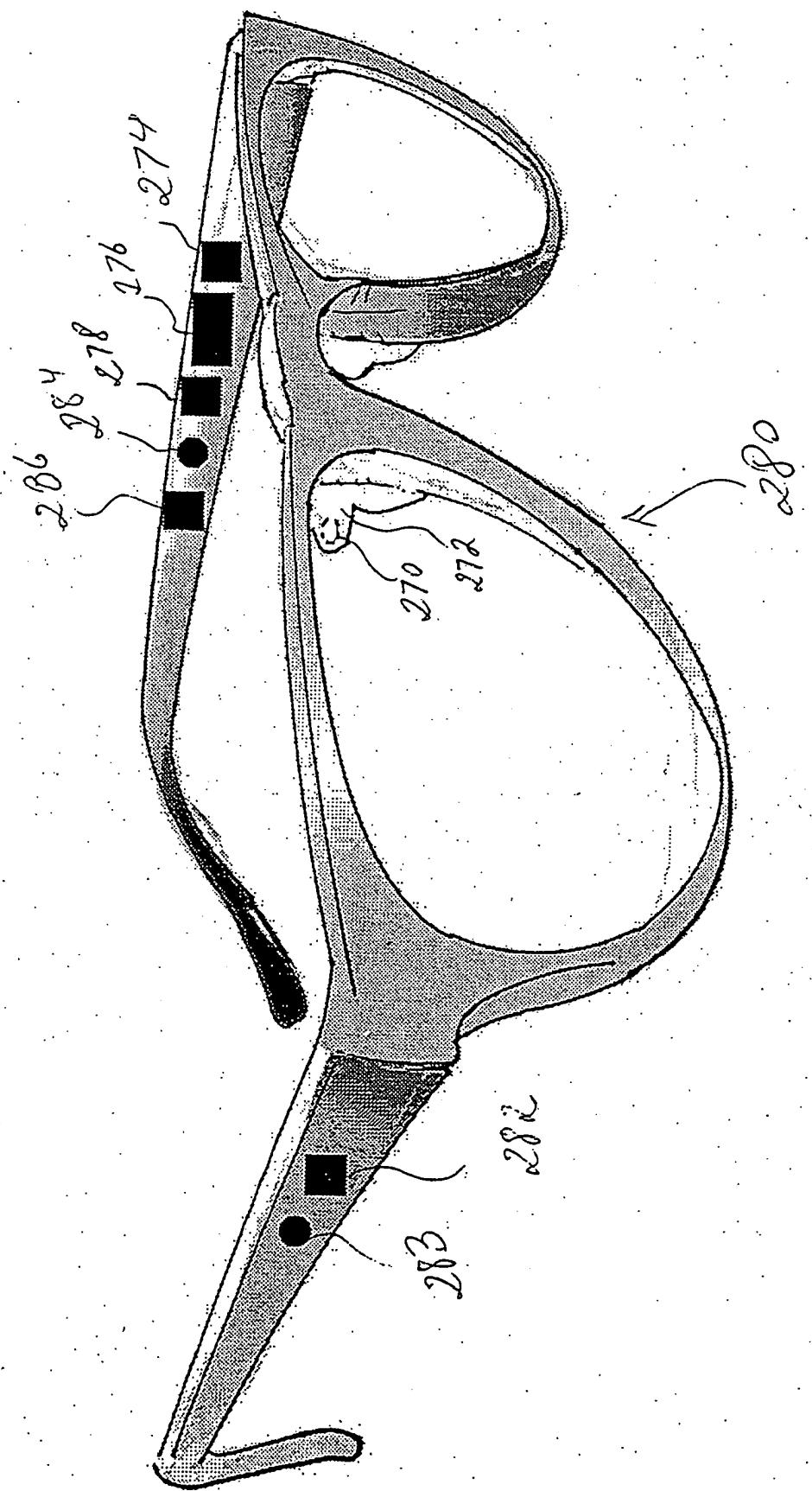


Fig. 23A







216. 25

280

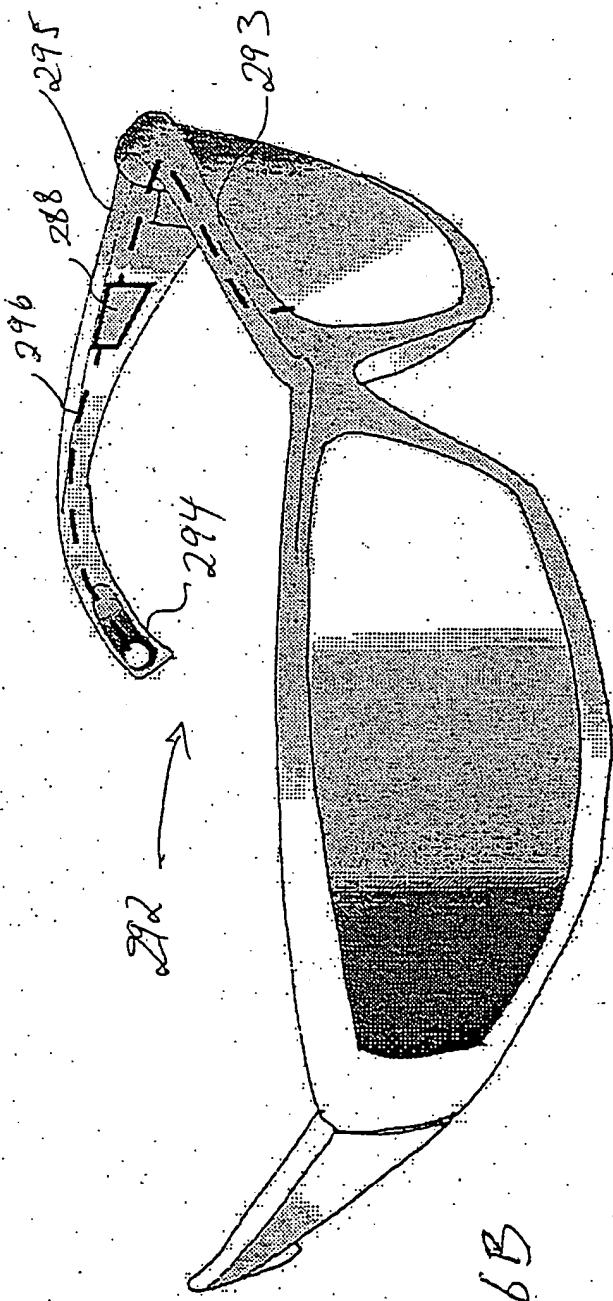


Fig. 26 B

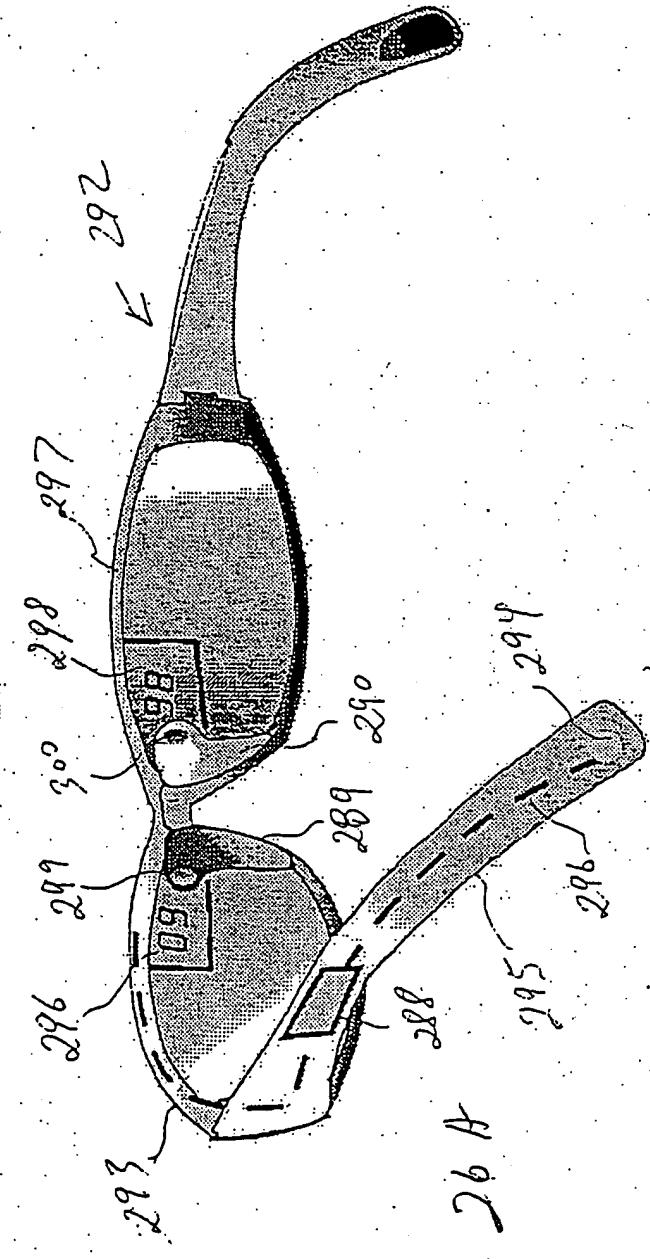
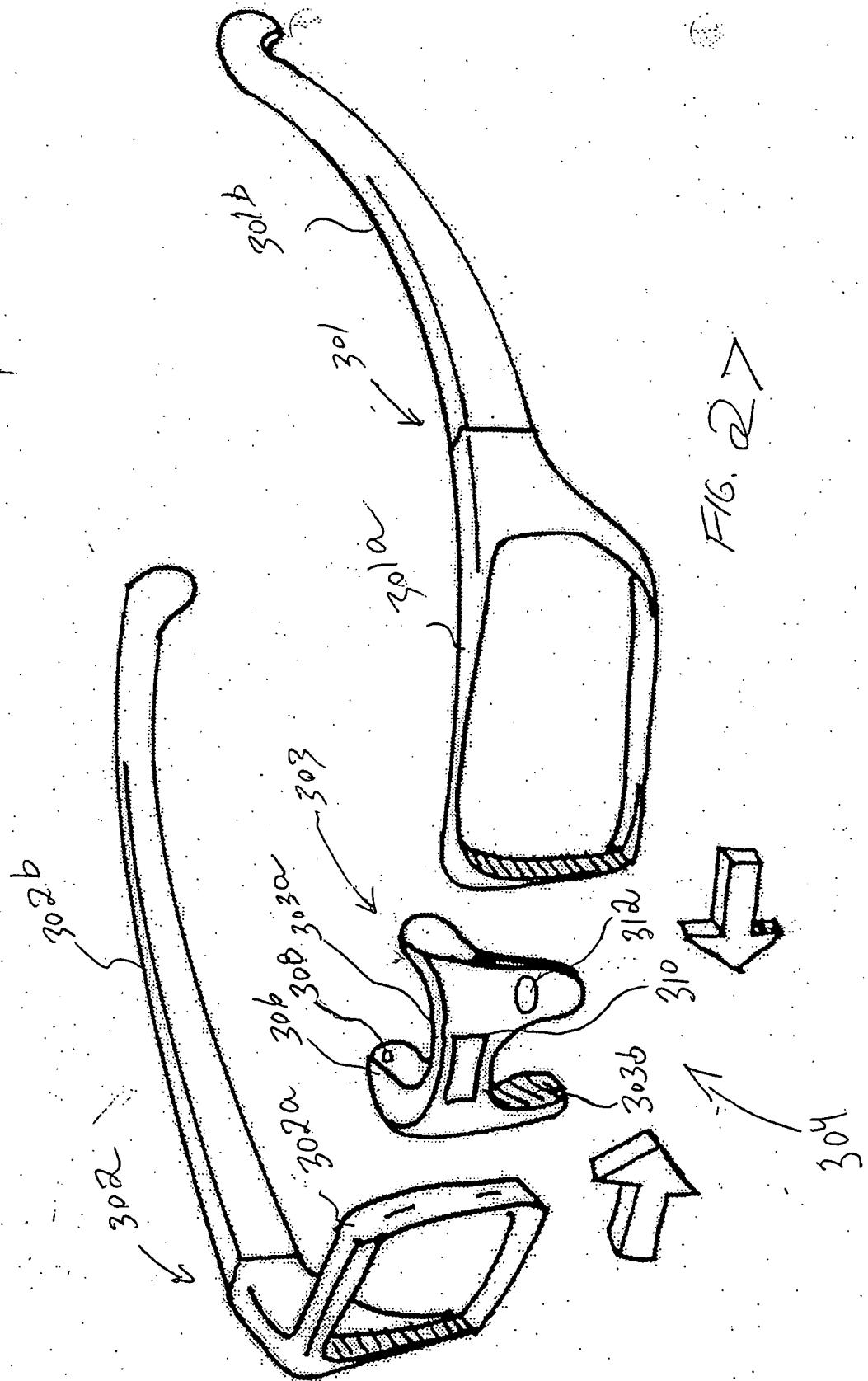
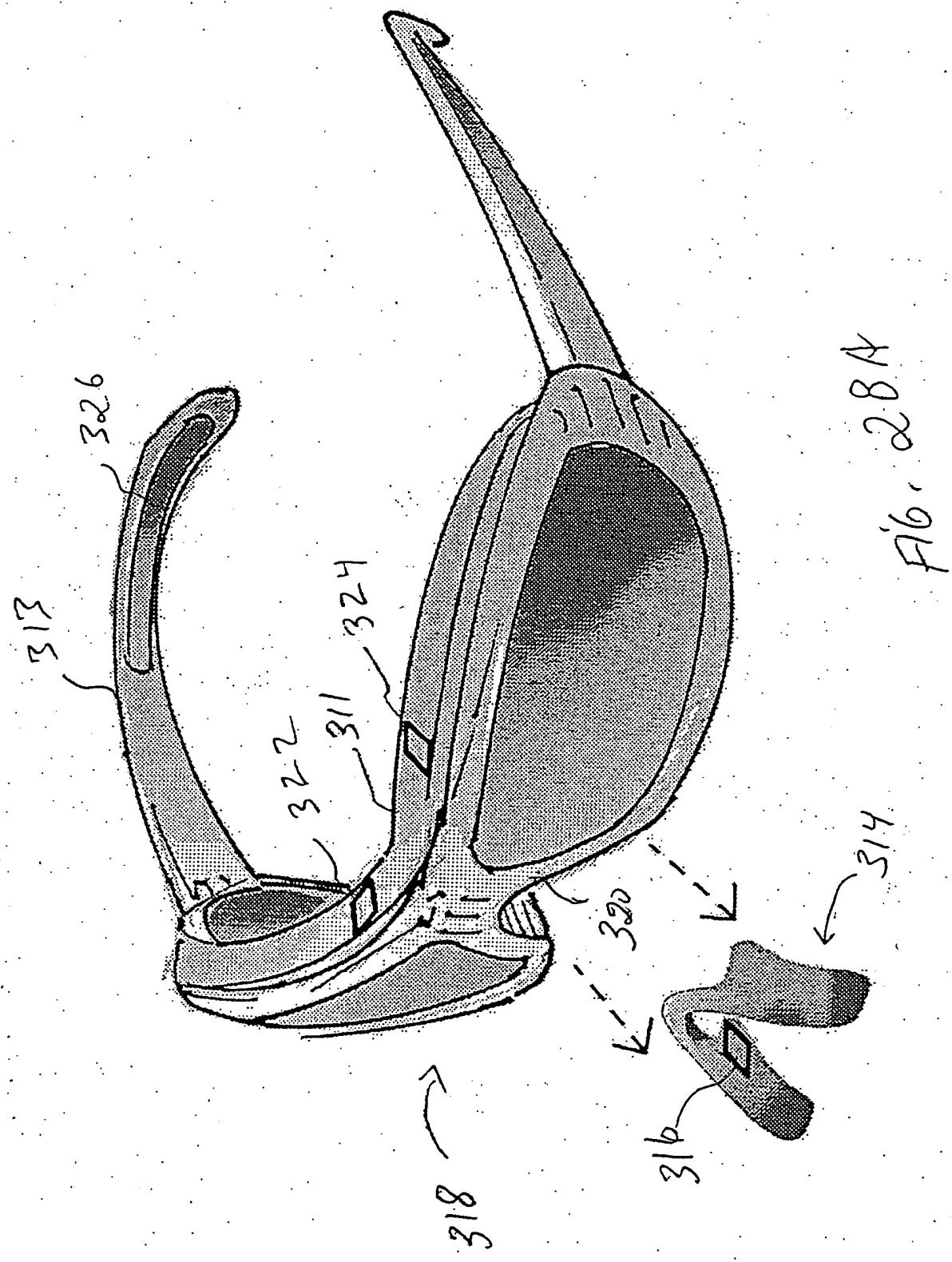
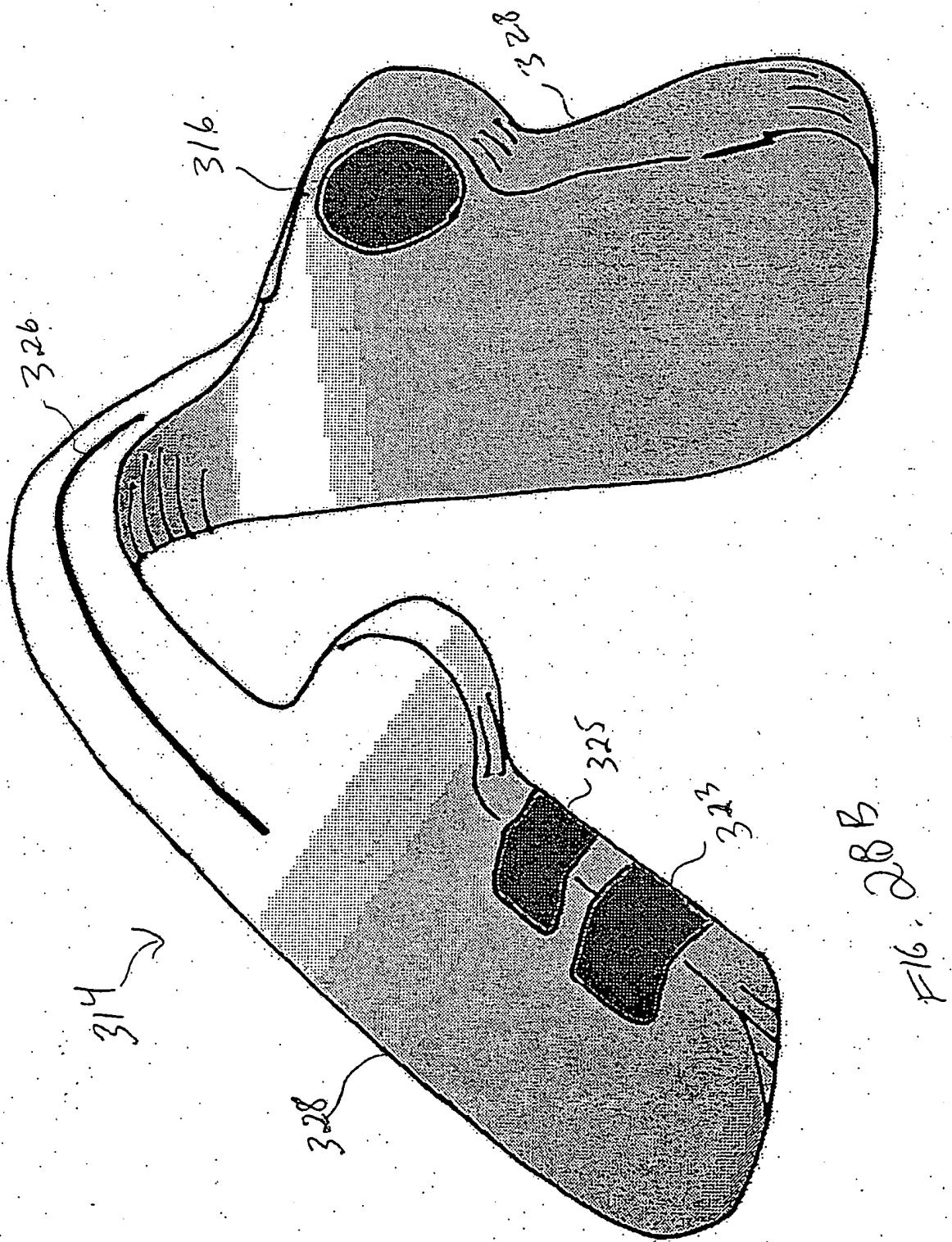


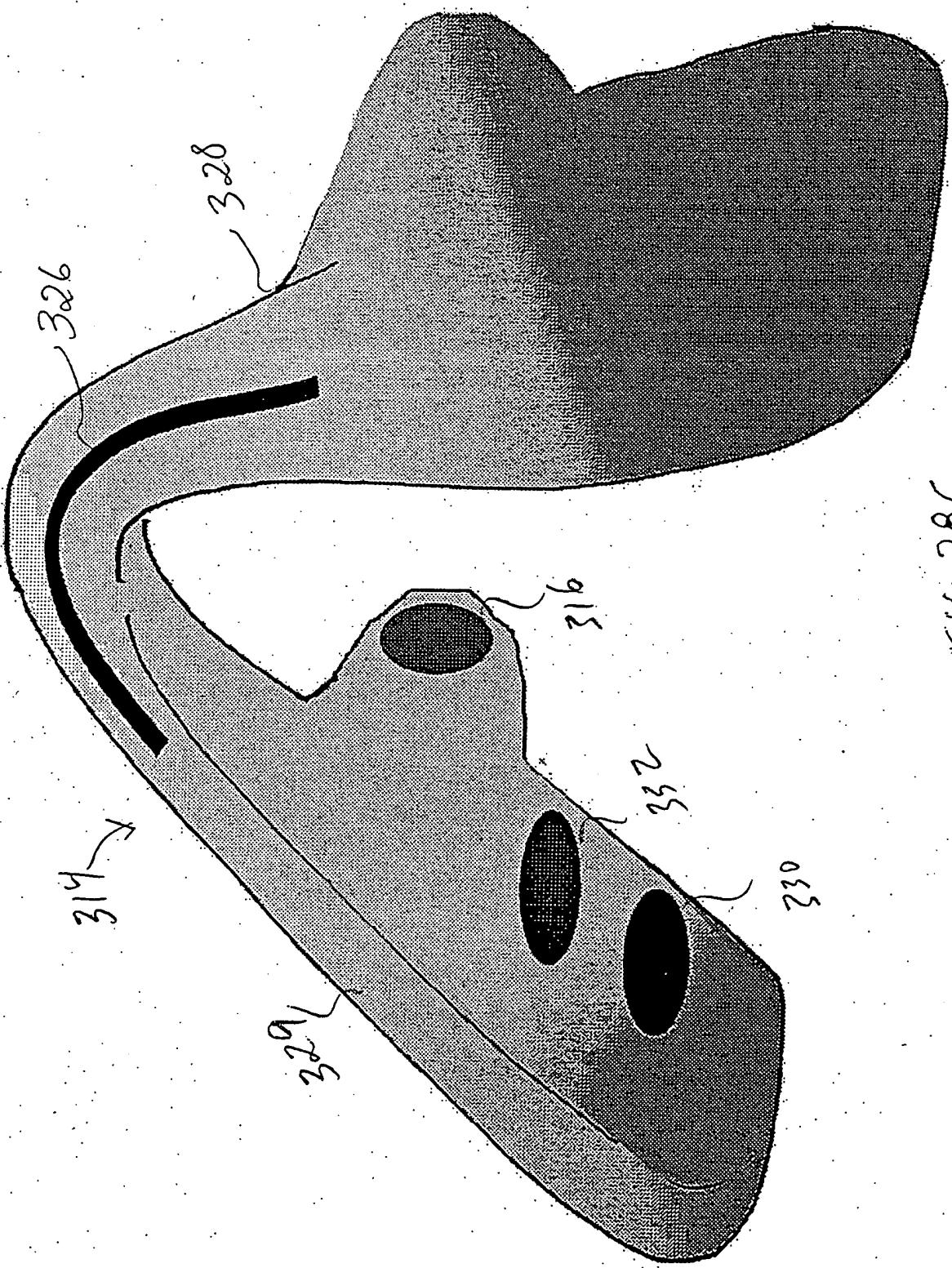
Fig. 26 A

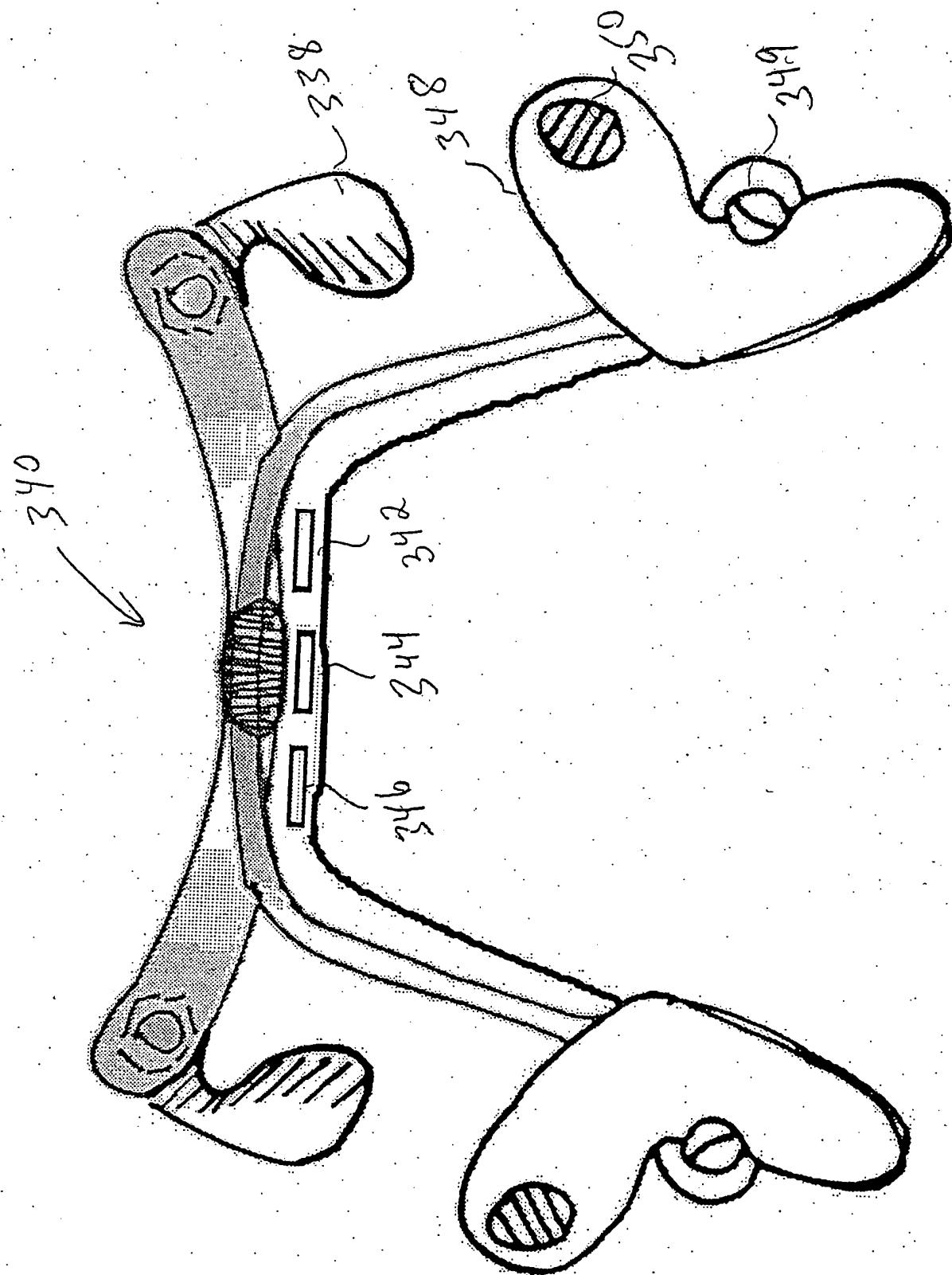






16. 283





F16:29

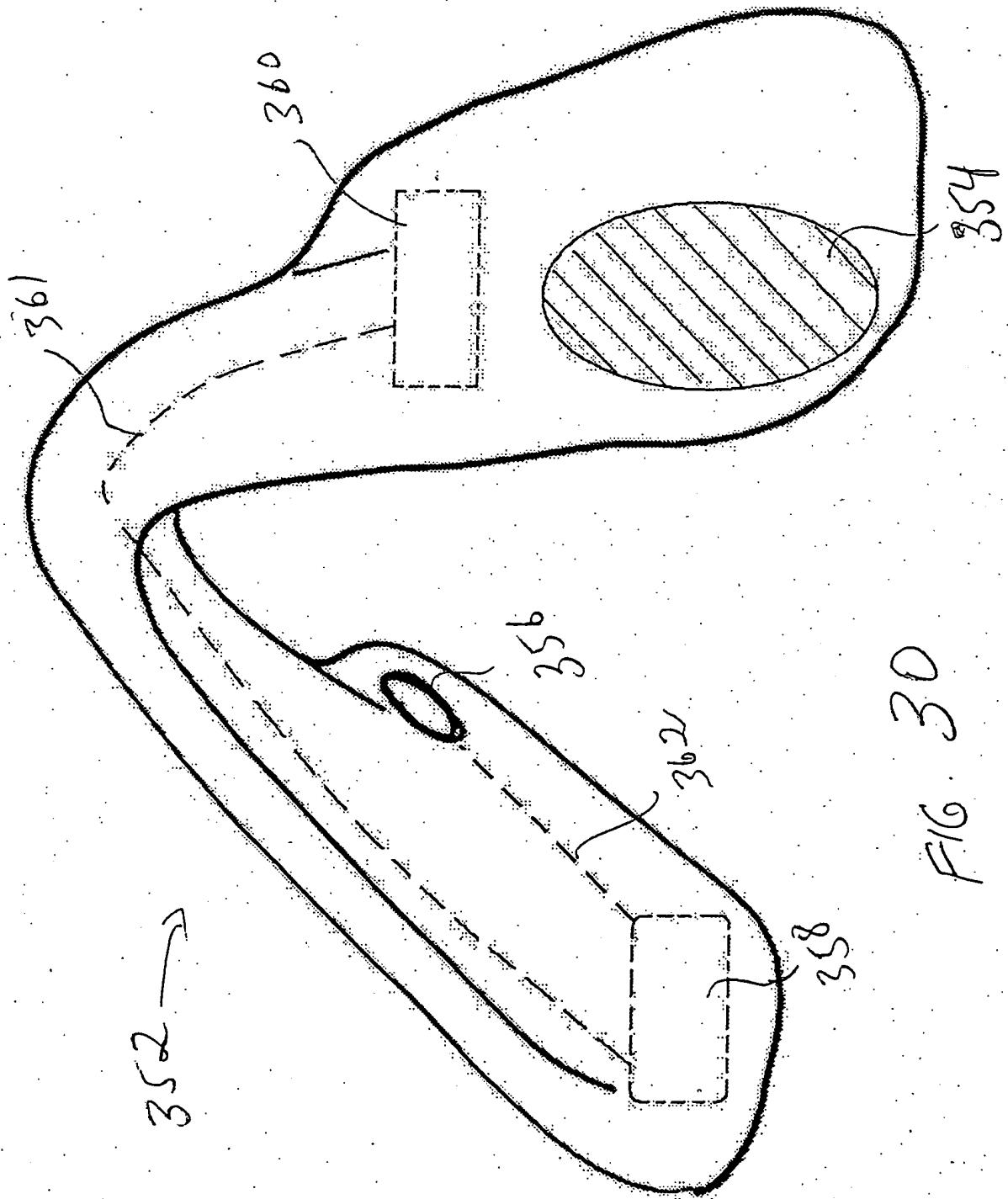
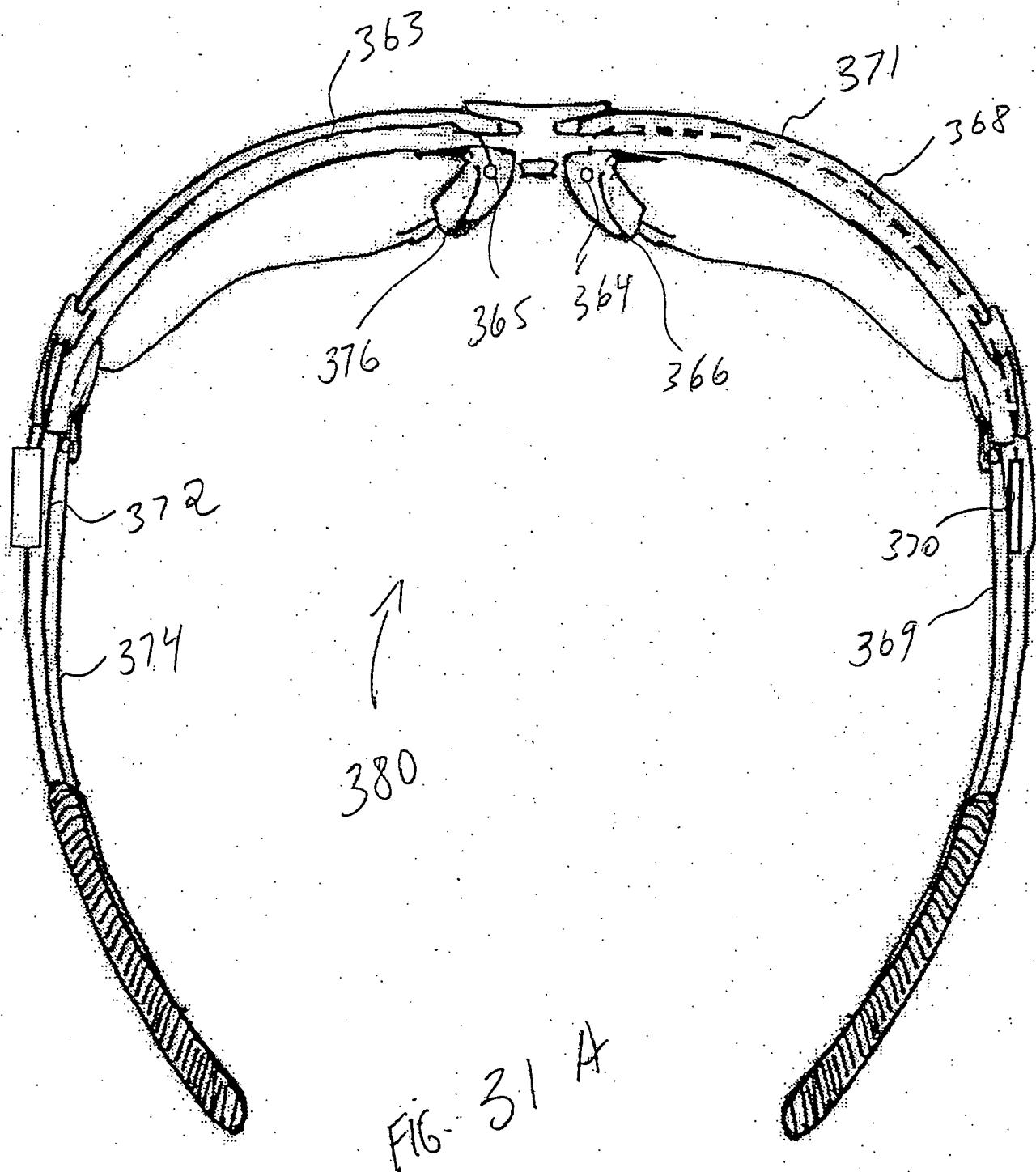
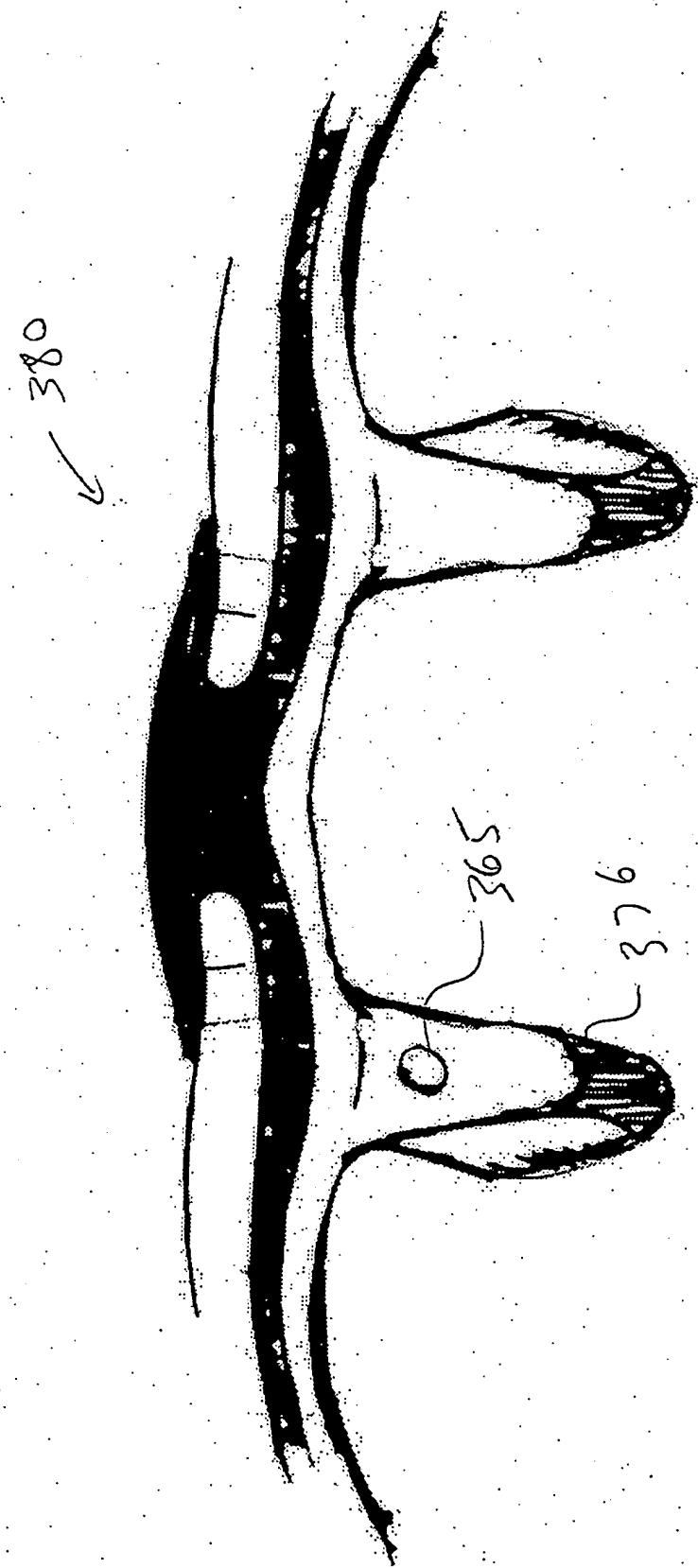


FIG. 30





F16. 31 B

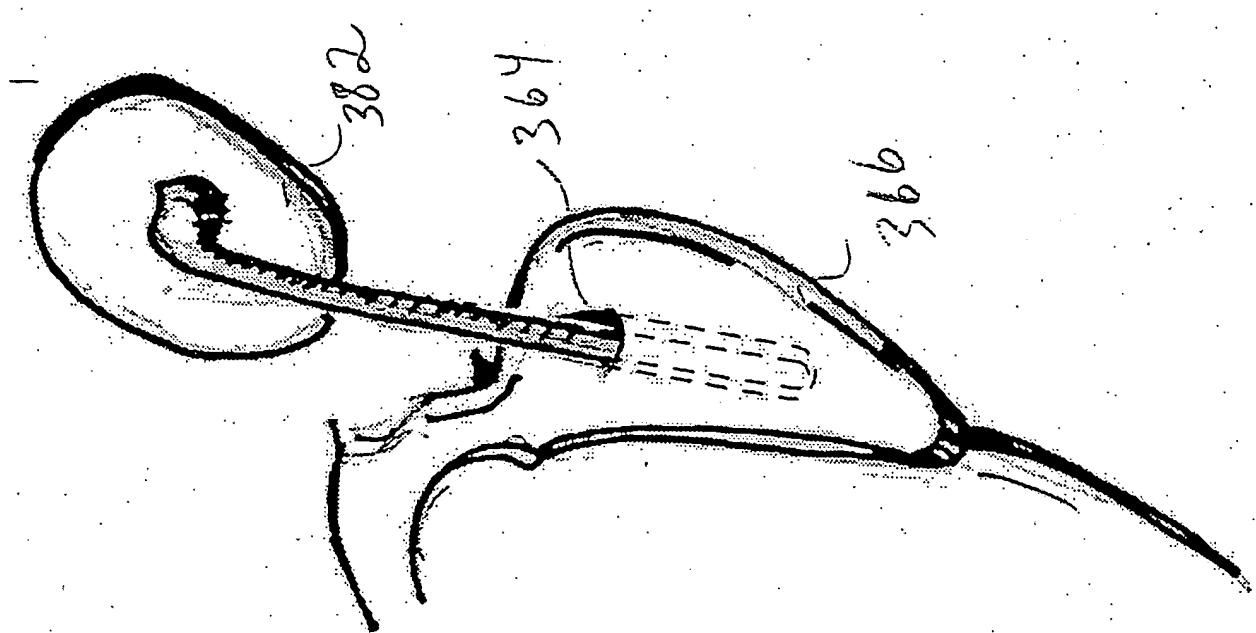


Fig 31 D

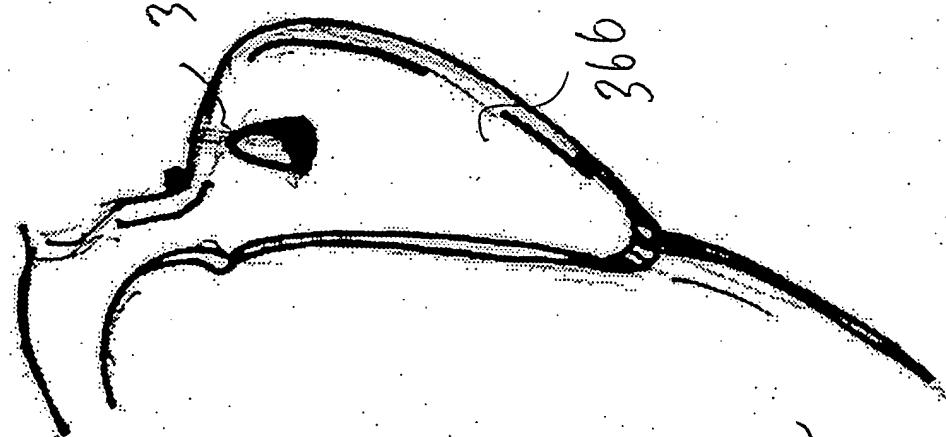


Fig 31 C

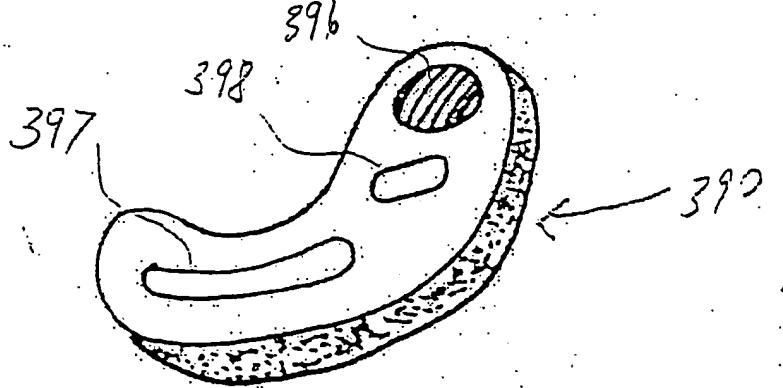
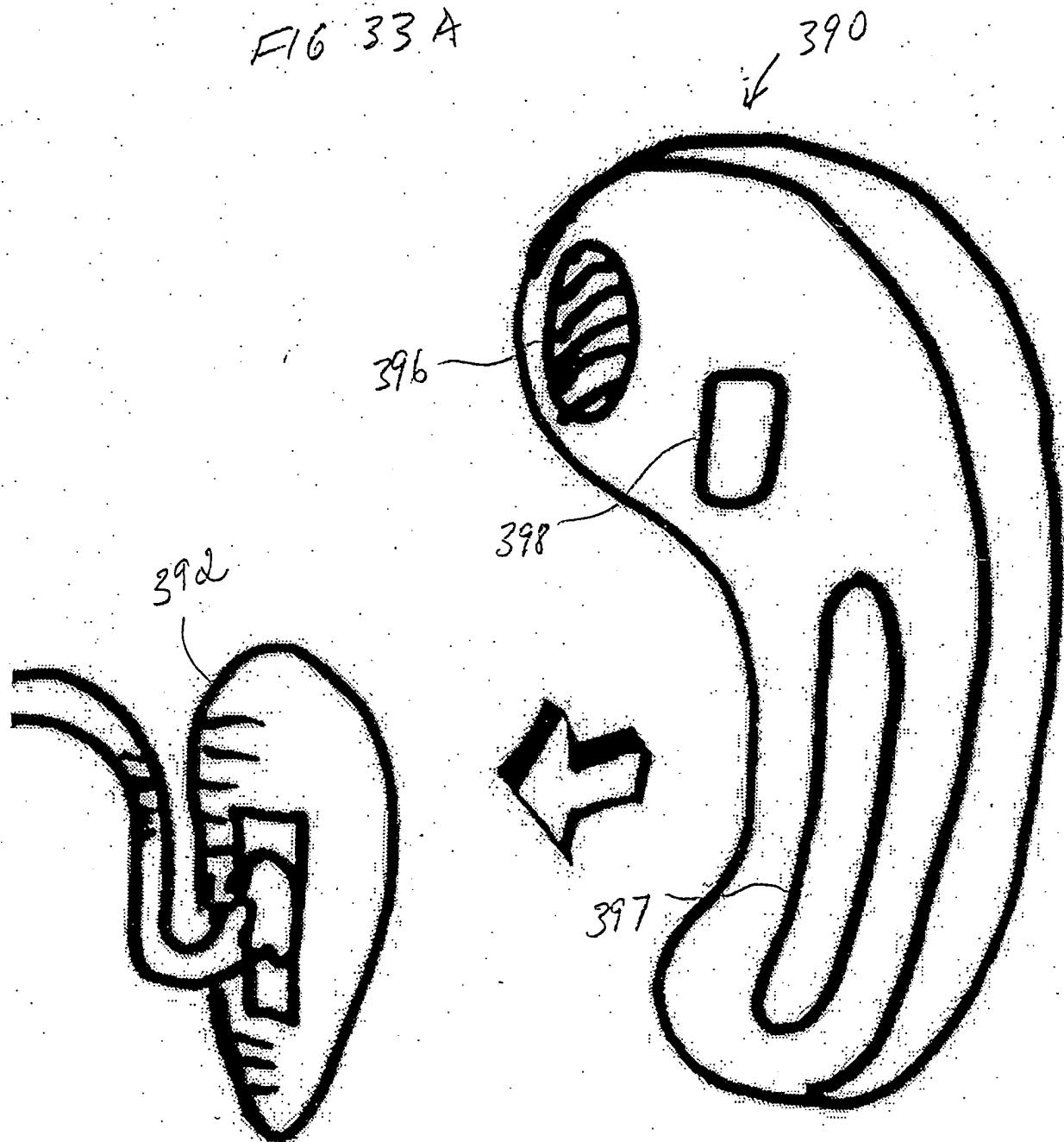
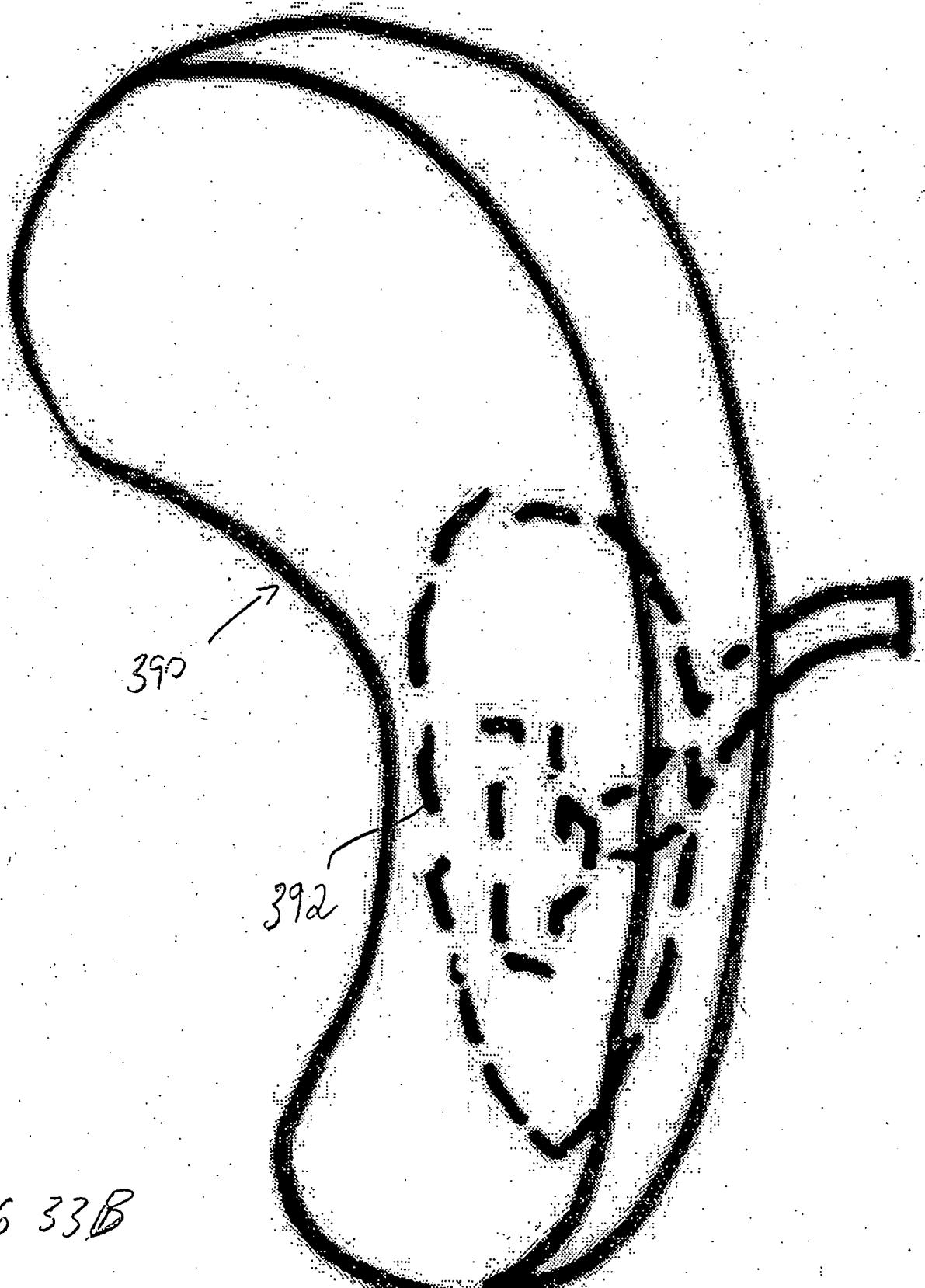
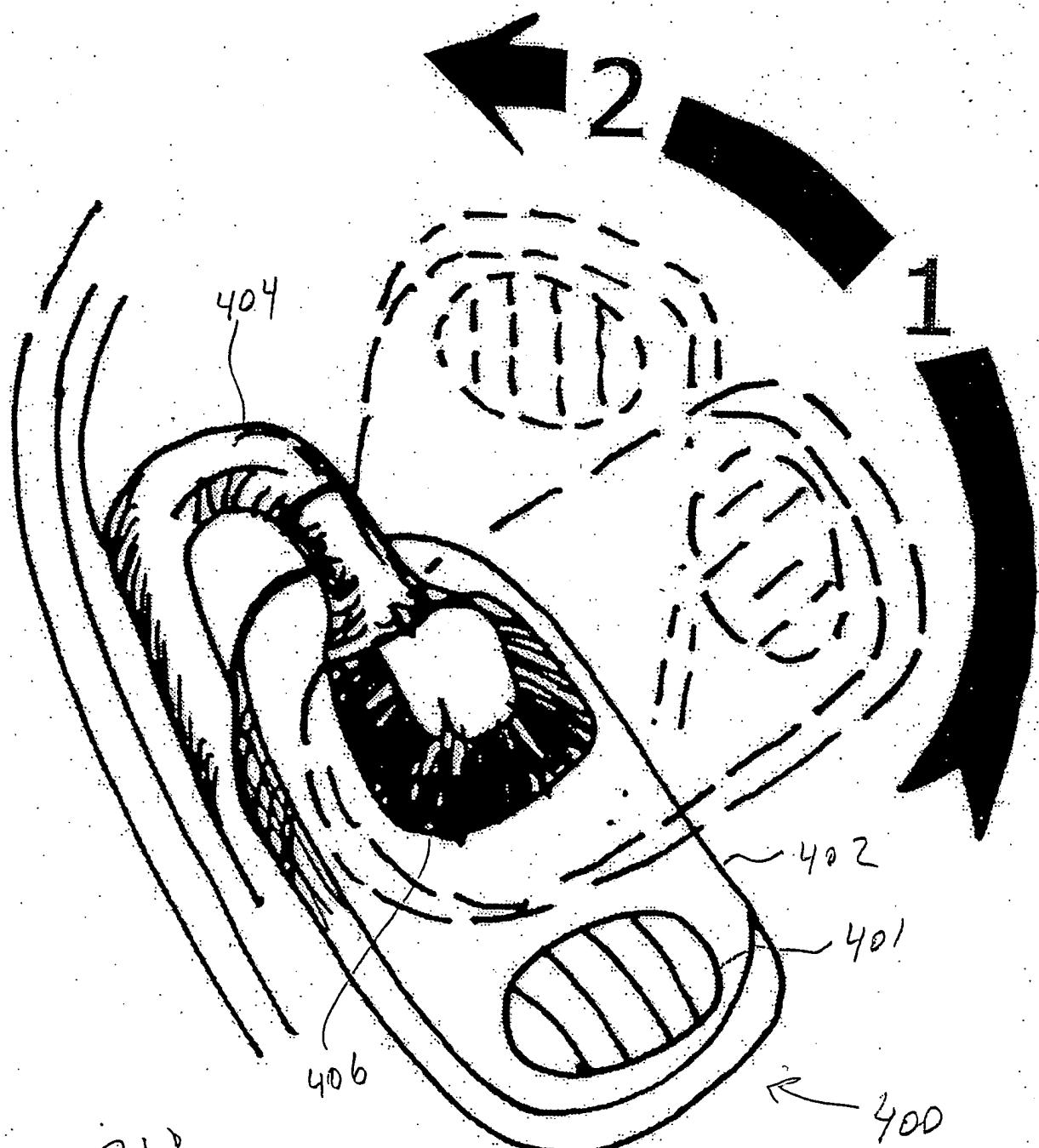


FIG 33 A





F16 33B



16. 34

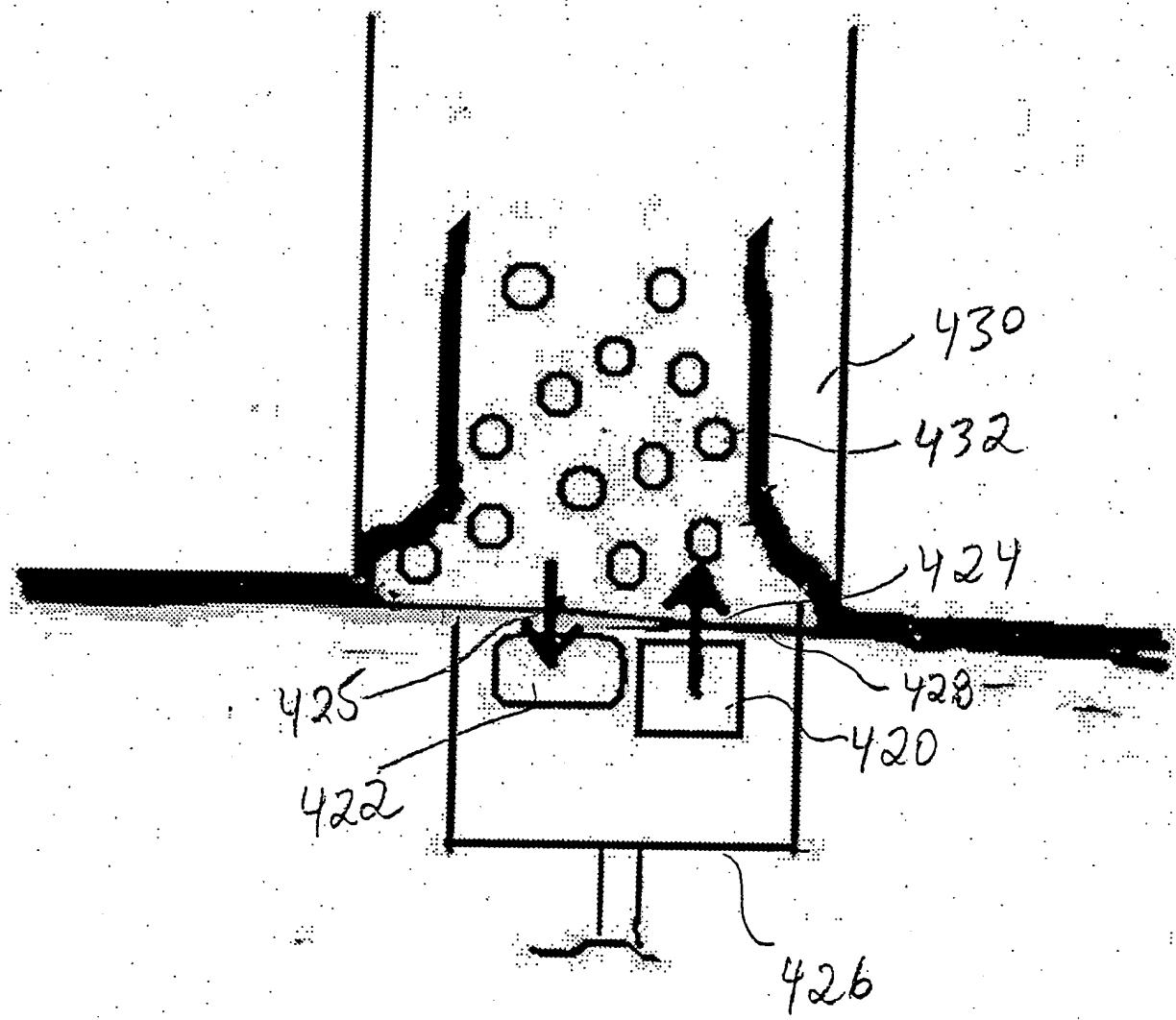


FIG. 35

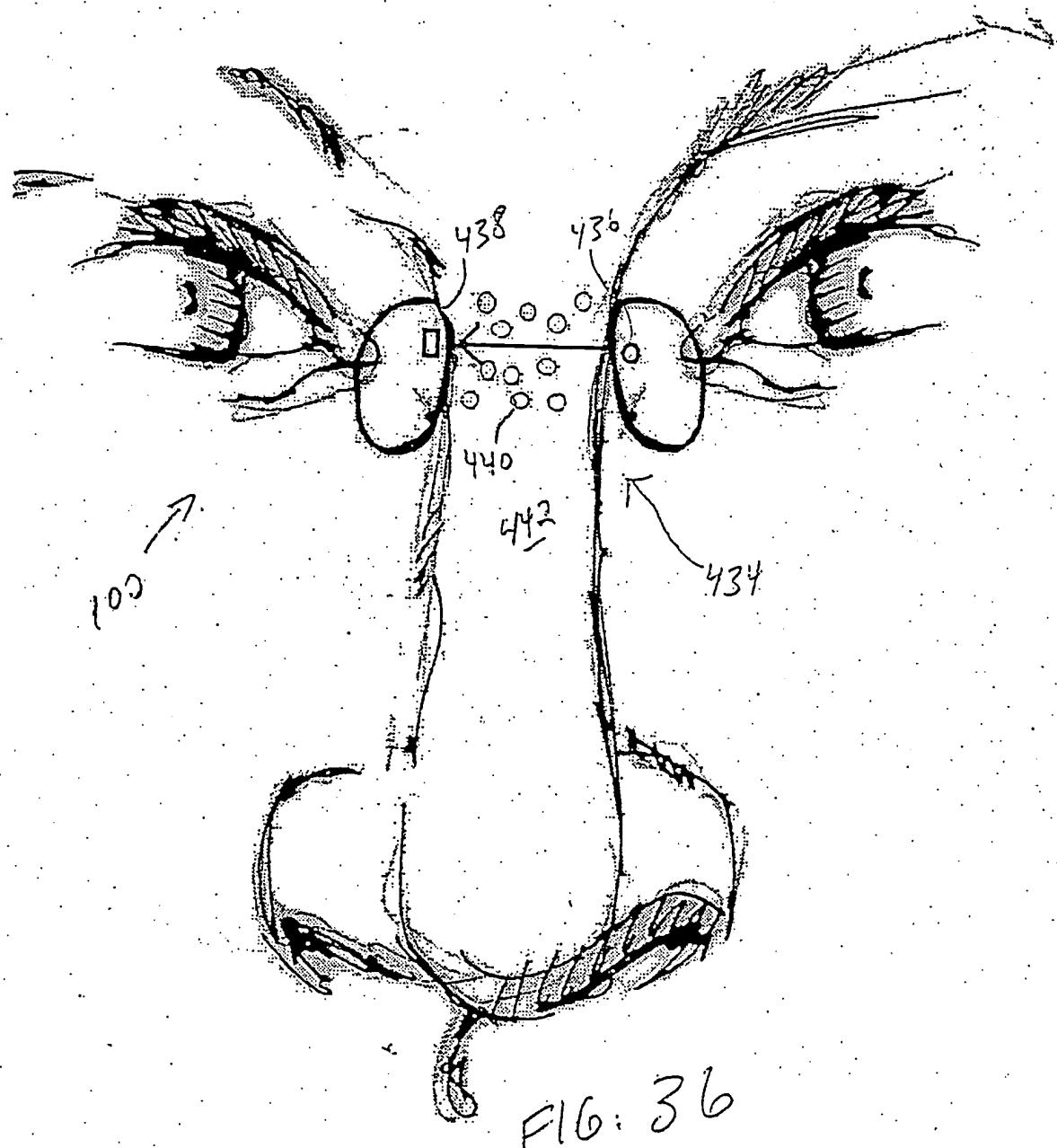
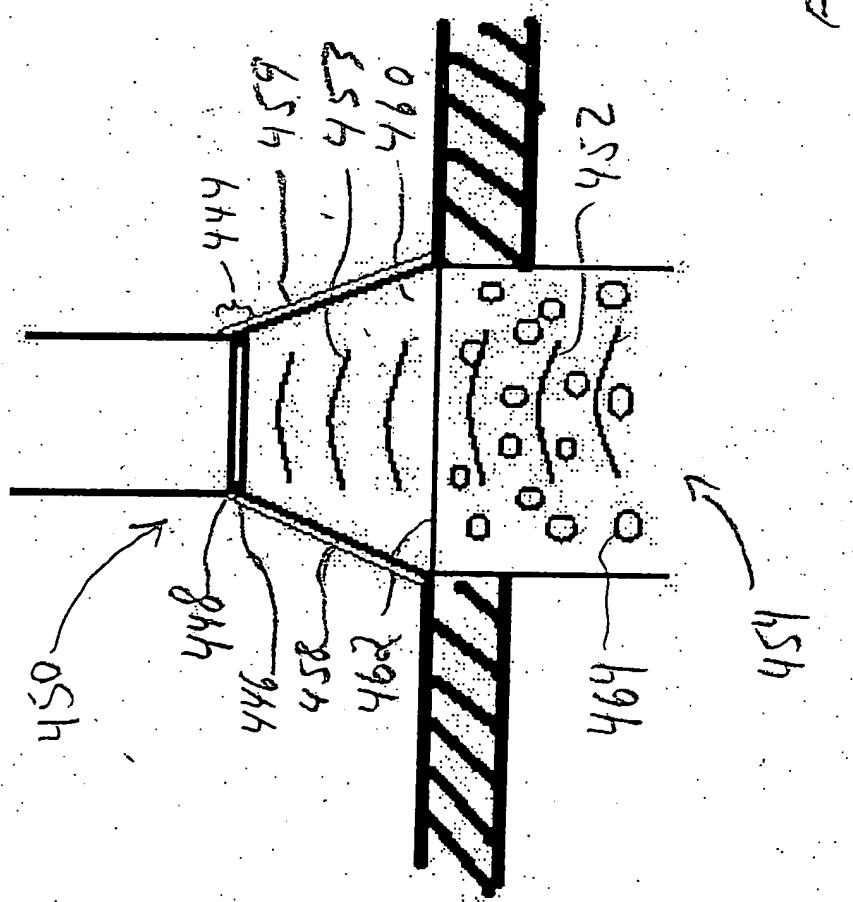
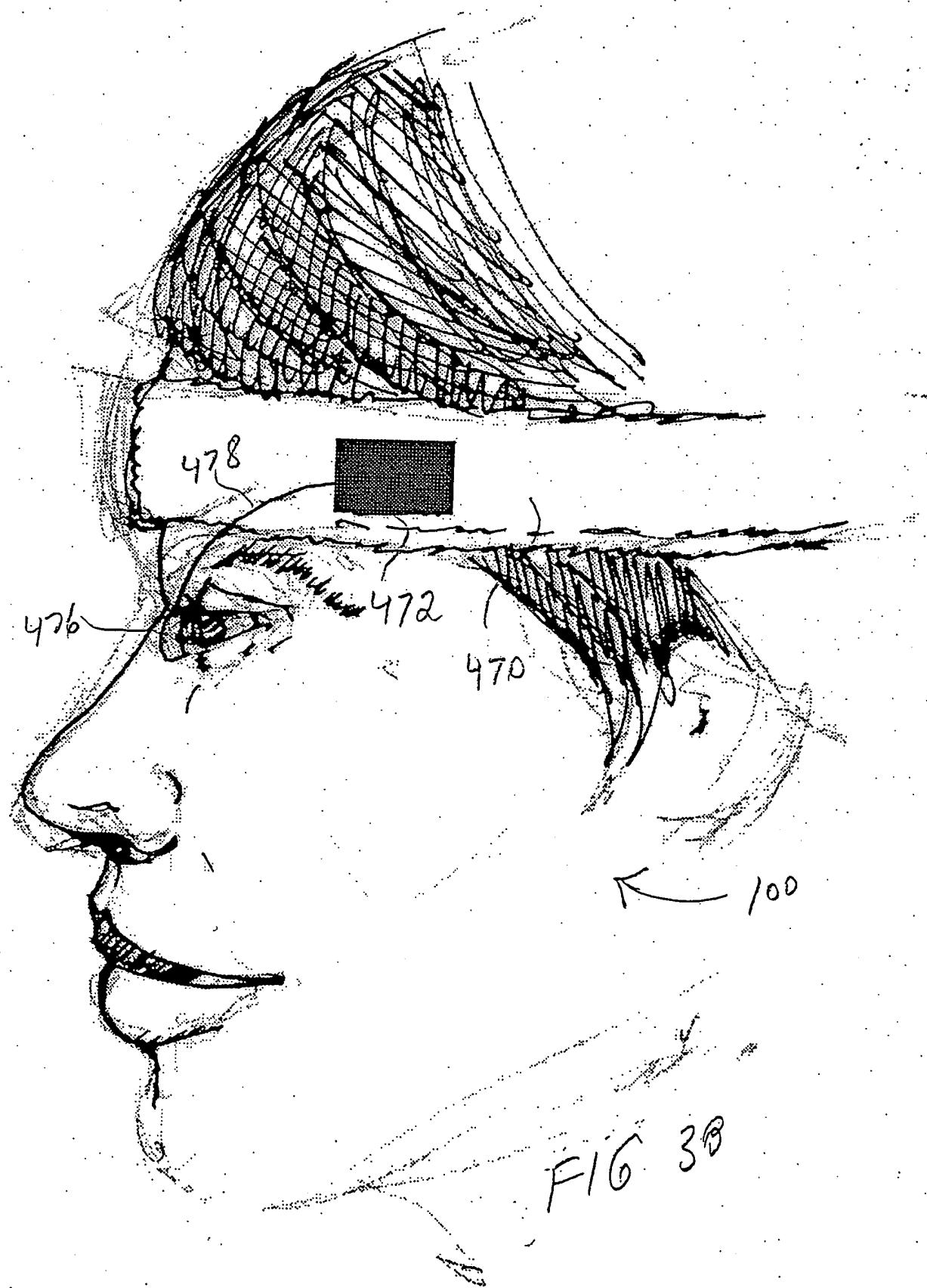


FIG: 36



16.32



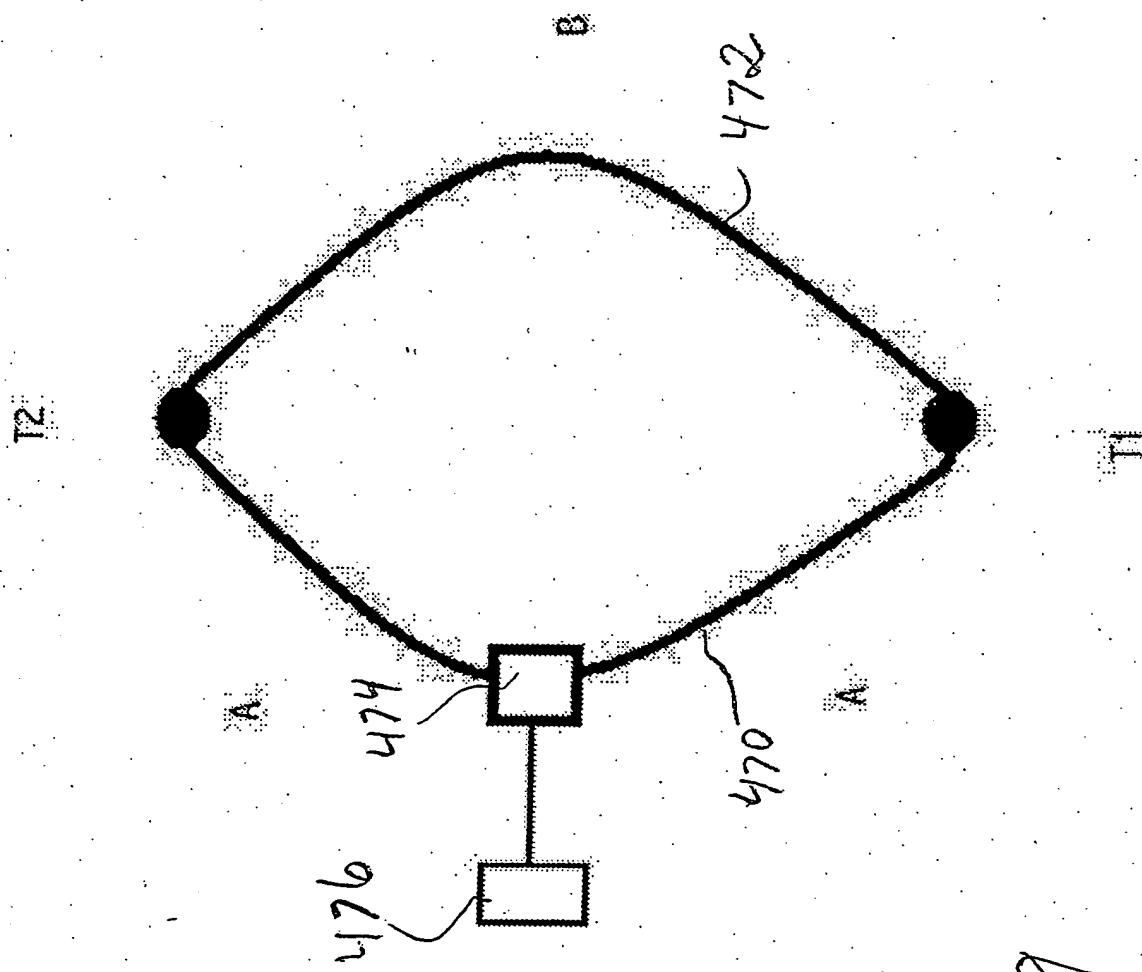
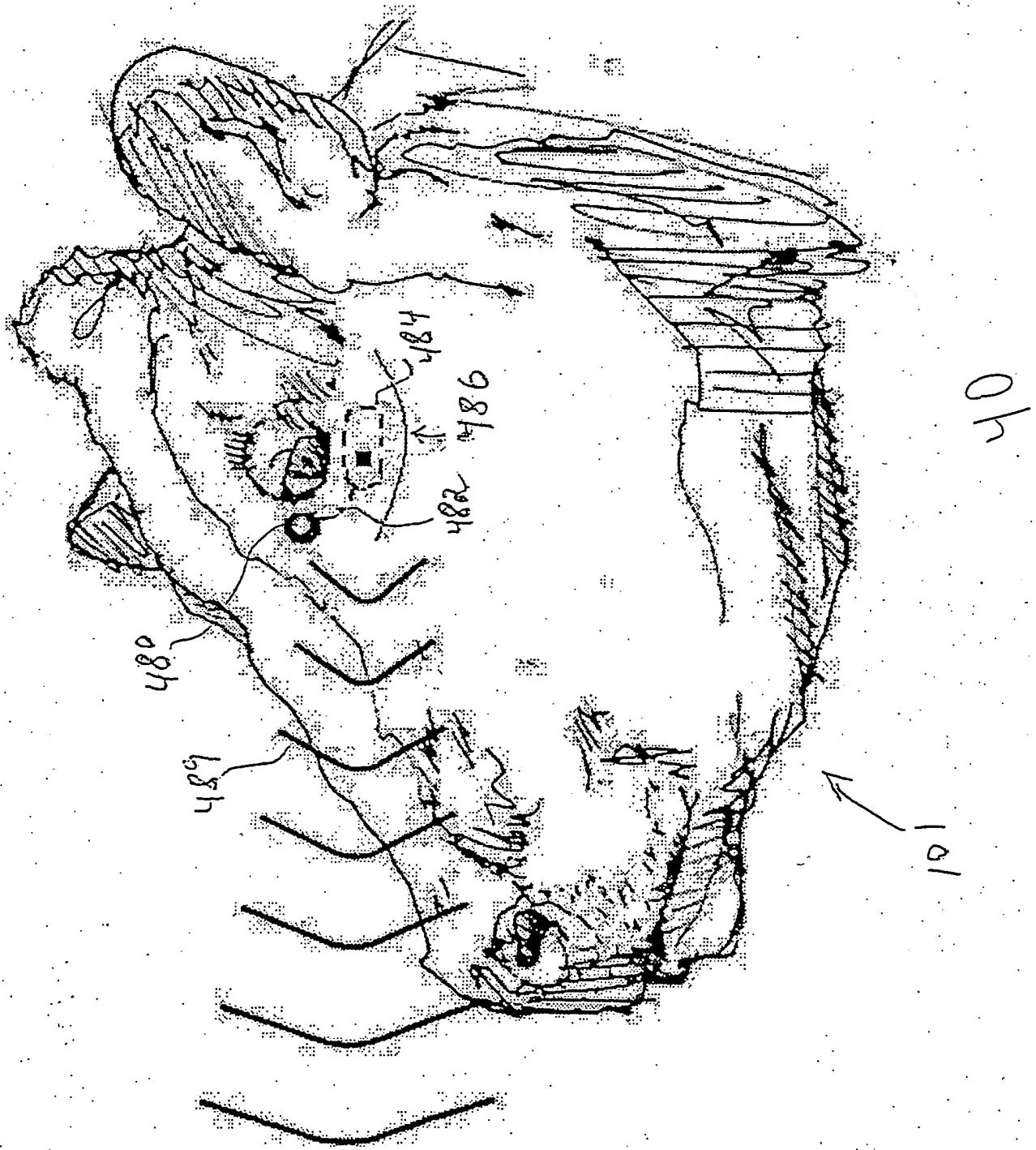
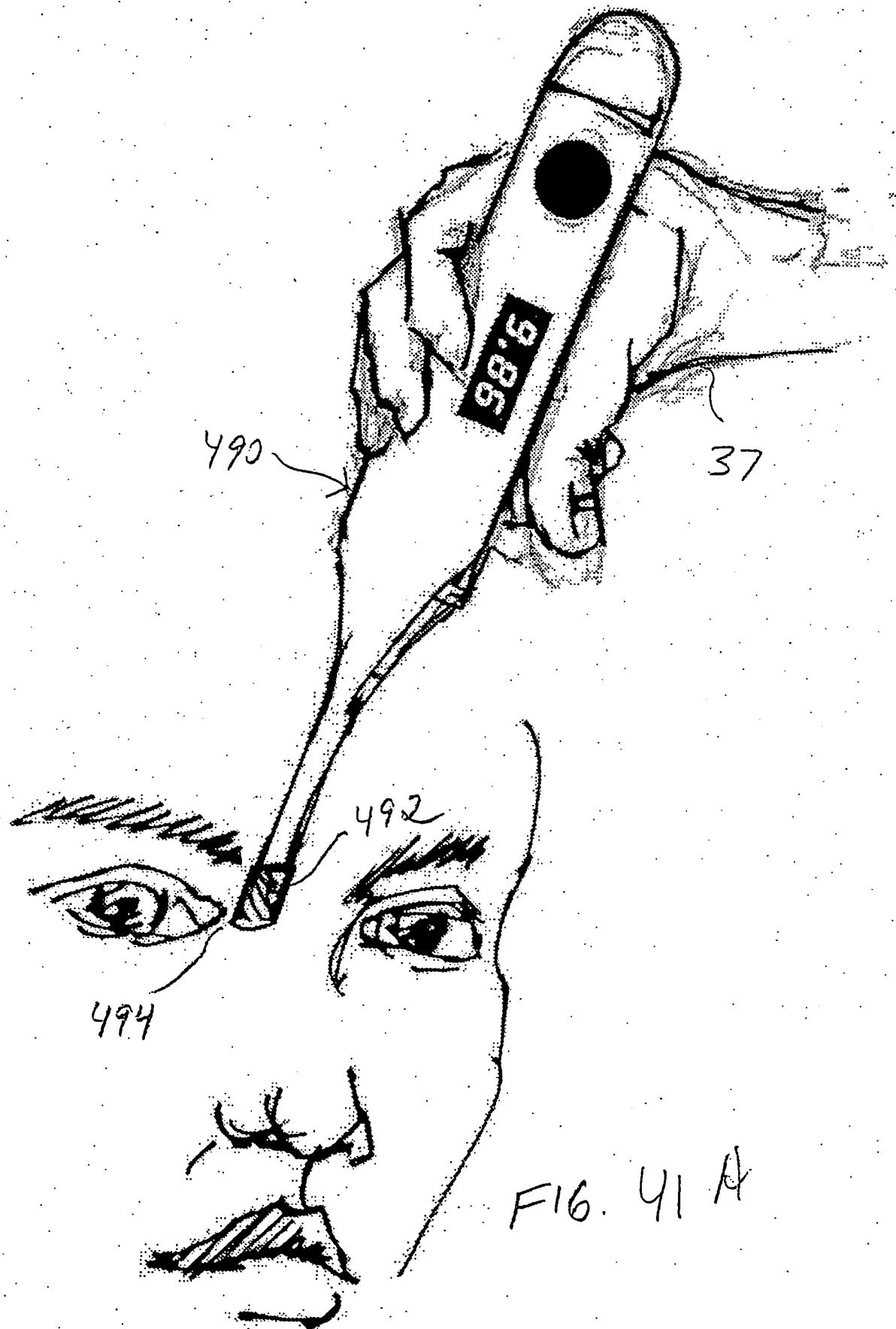


Fig 39





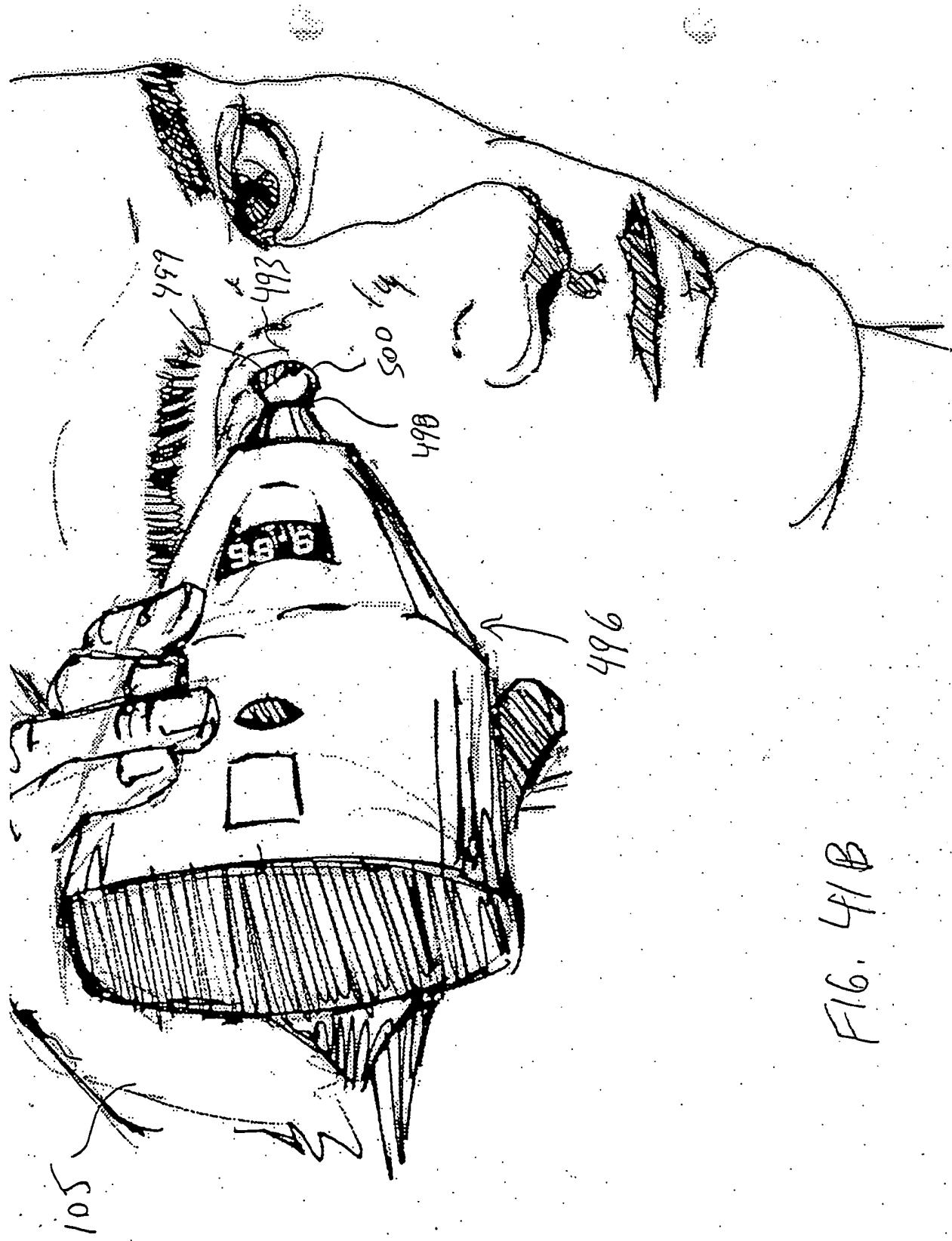


FIG. 41 B

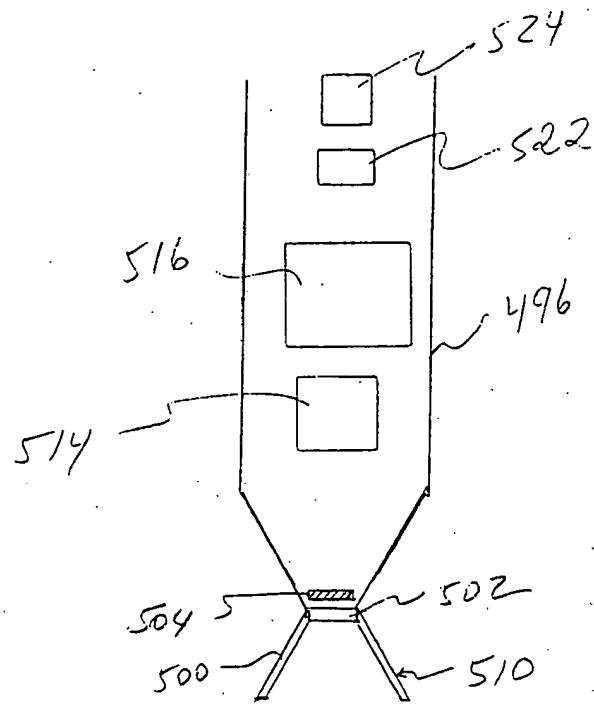


Fig 42A

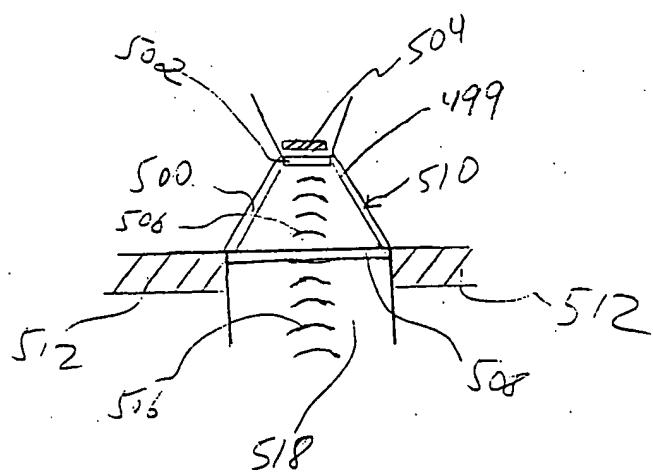


Fig 42B

504

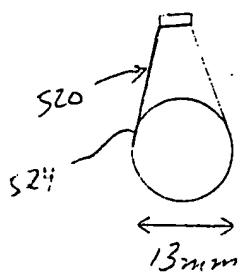


Fig 43 A

504

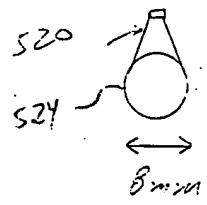


Fig 43 B

504

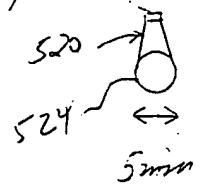


Fig 43 C

526

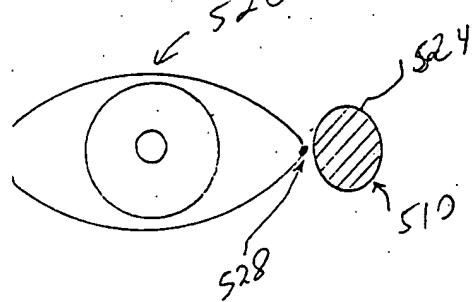


Fig 44 A

526

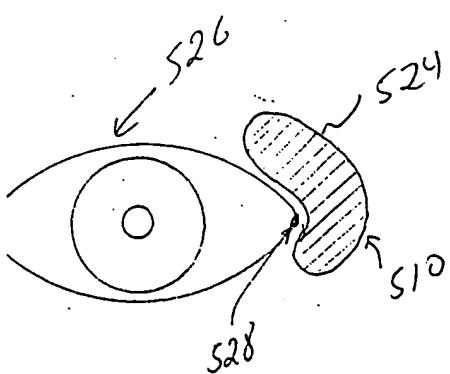


Fig 44 B

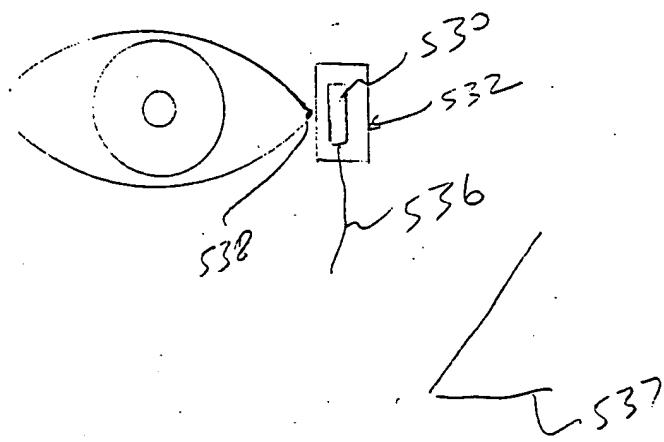


Fig 45 A

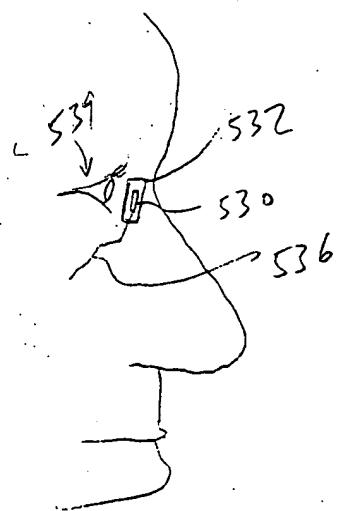
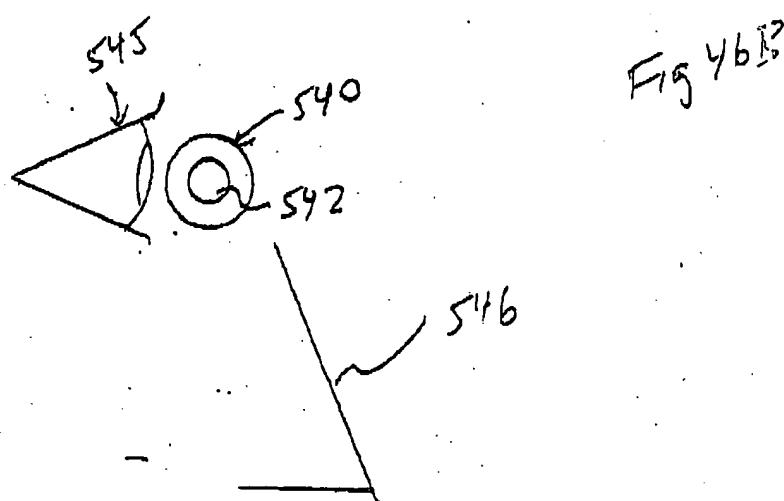
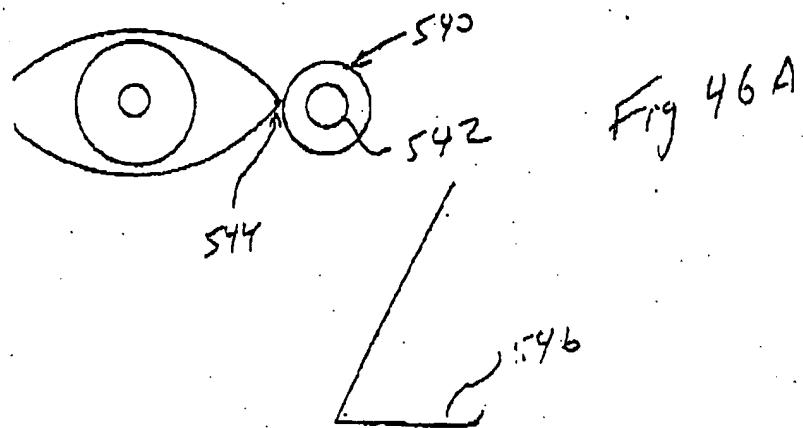


Fig 45 B



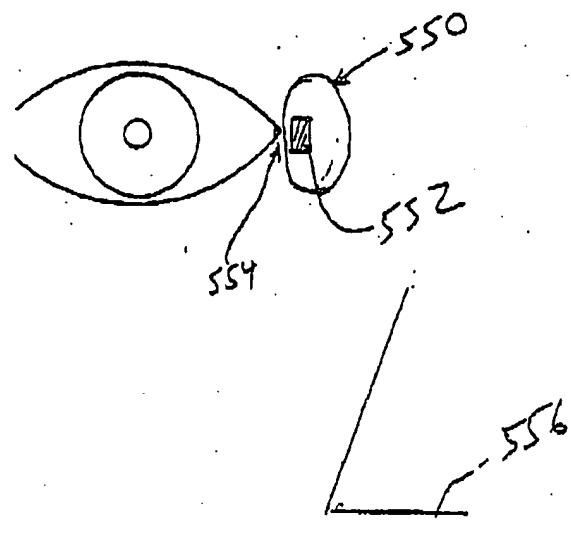


Fig 46 C

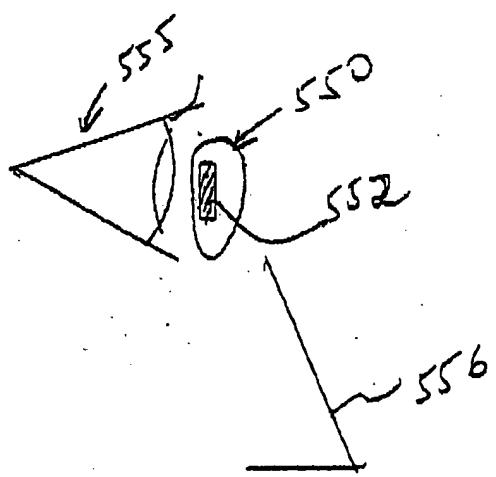
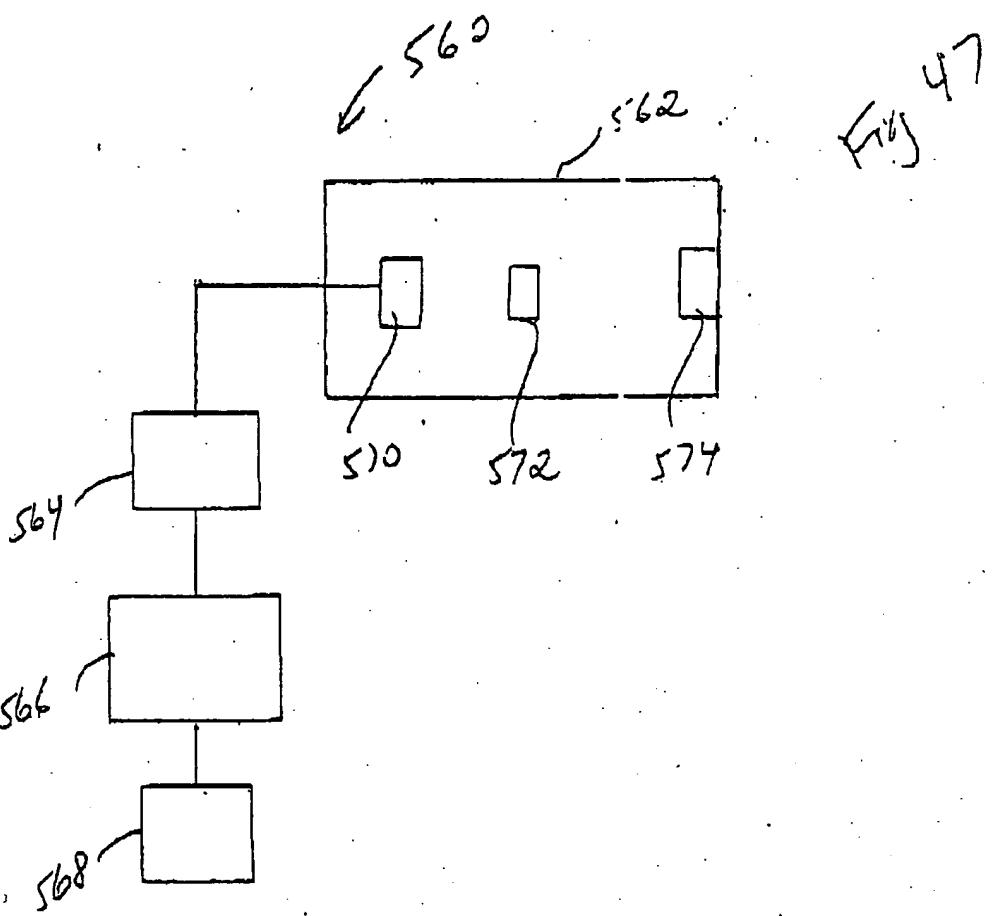
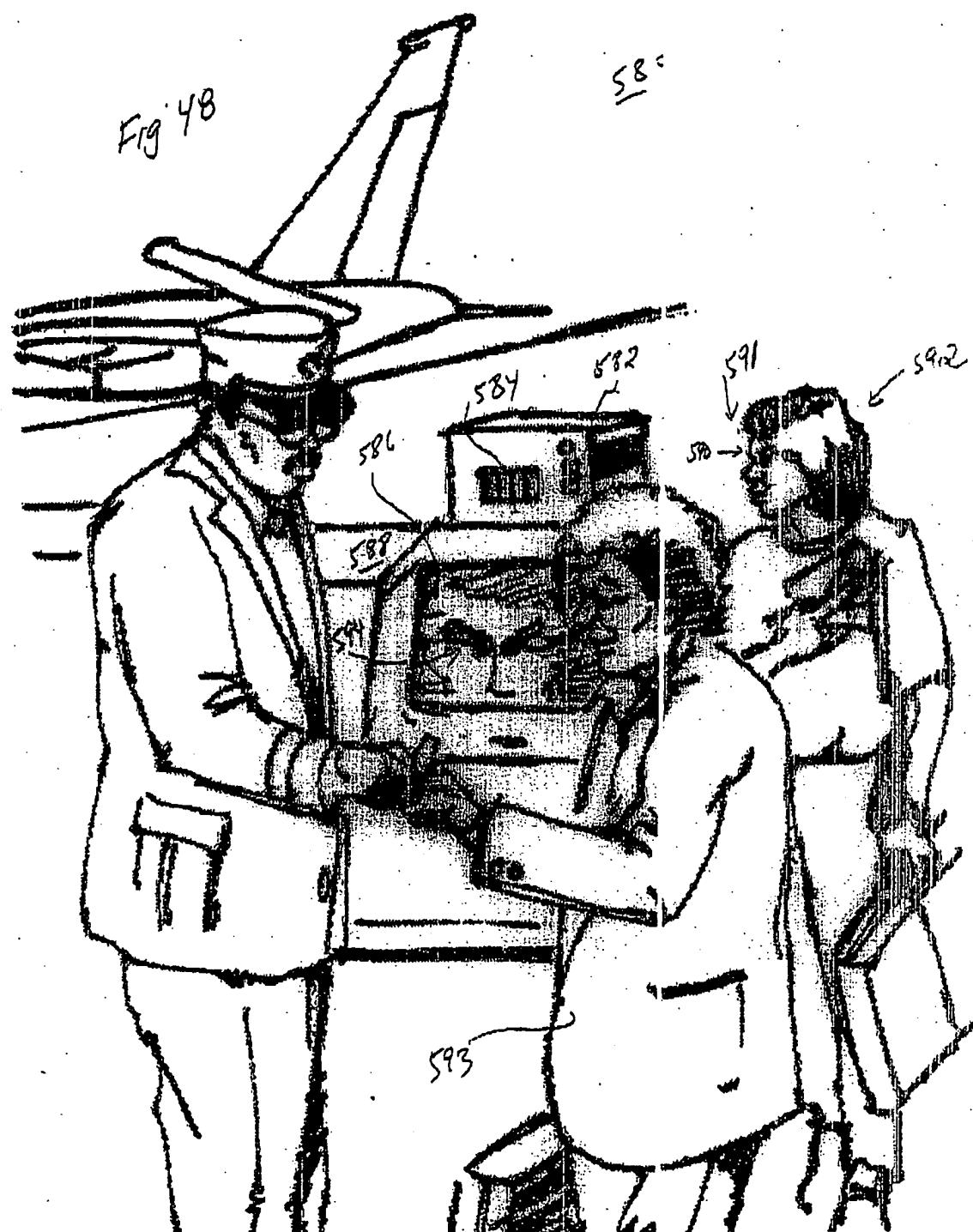


Fig 46 D





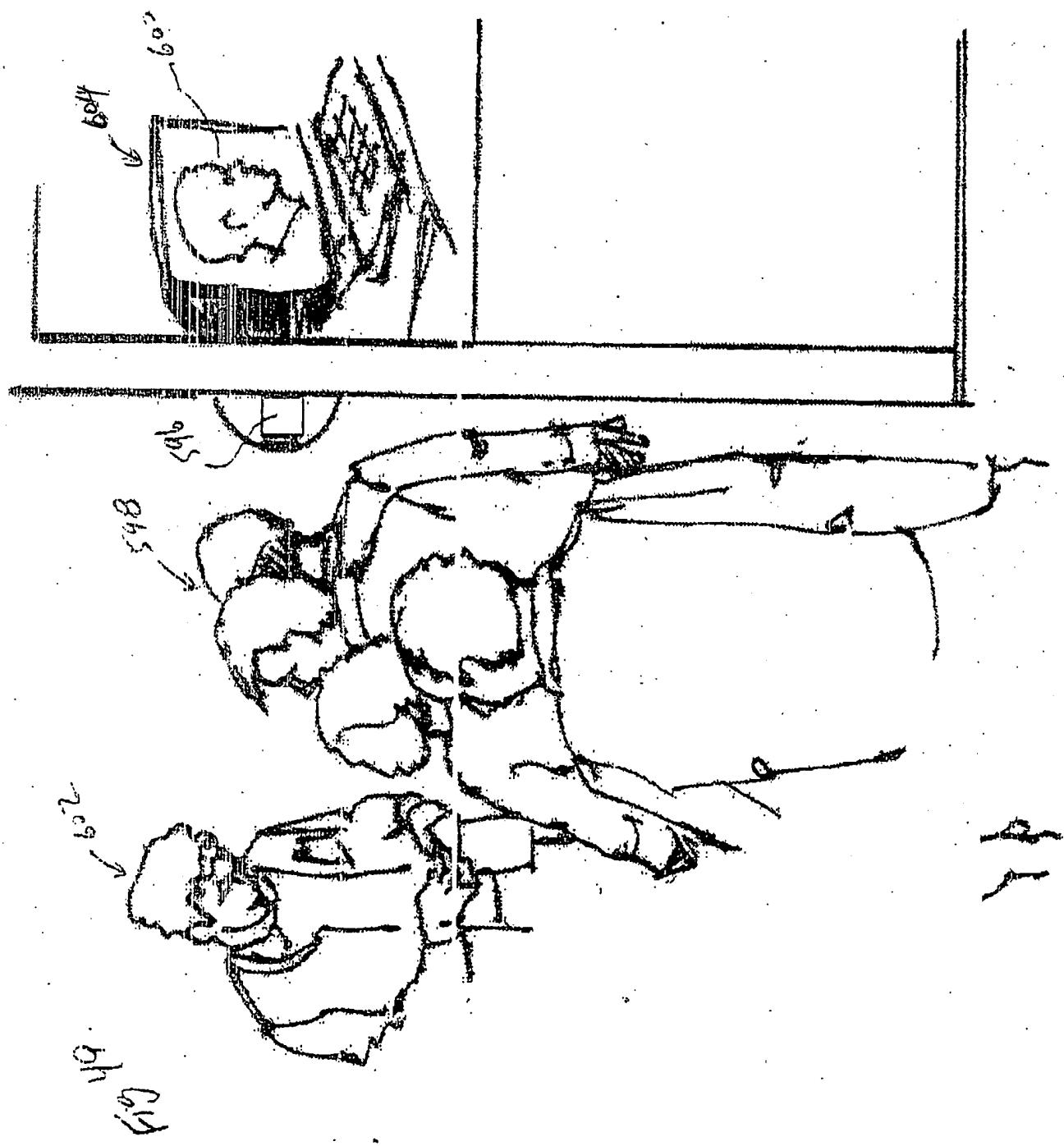
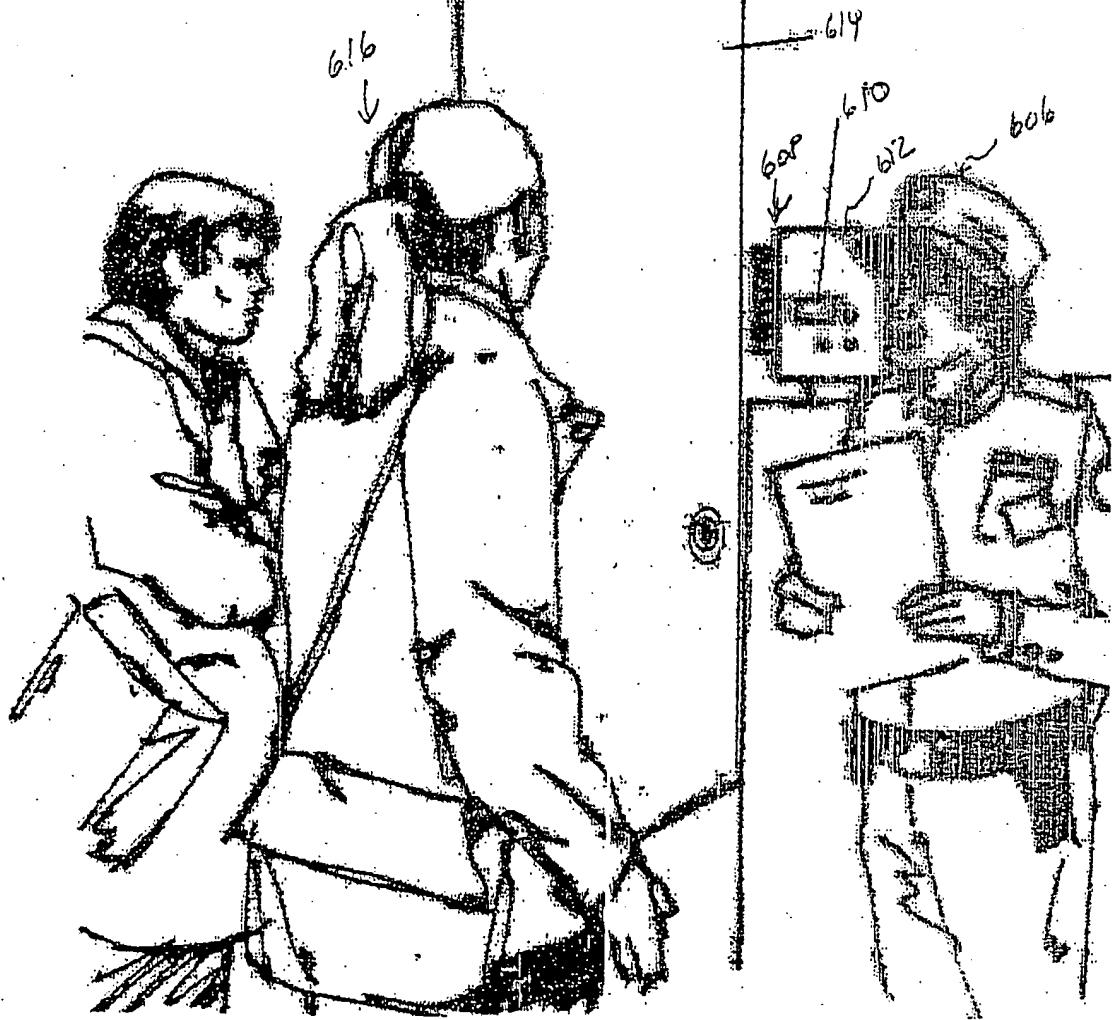




Fig 50



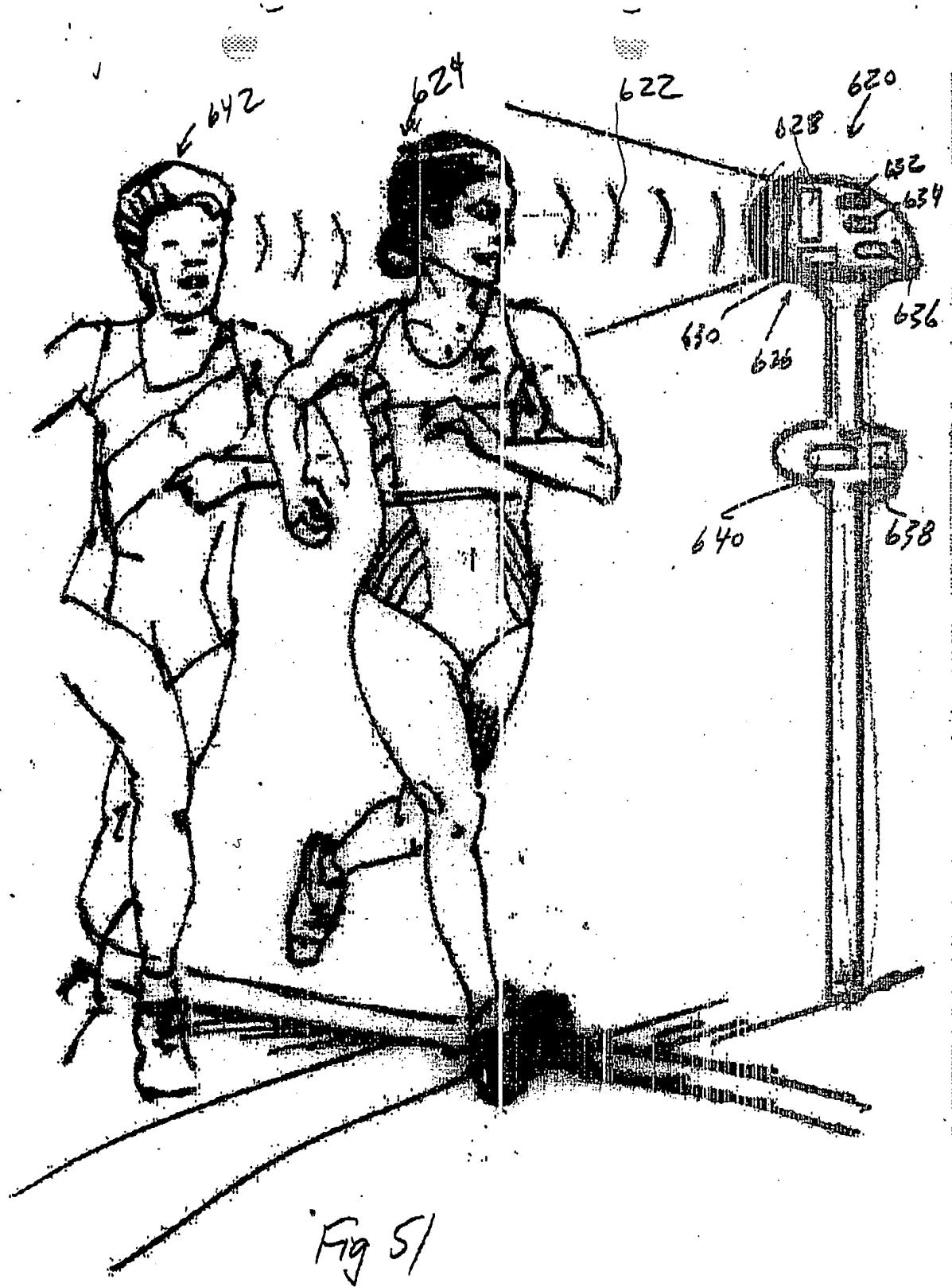


Fig 51



660

Fig 52B

663

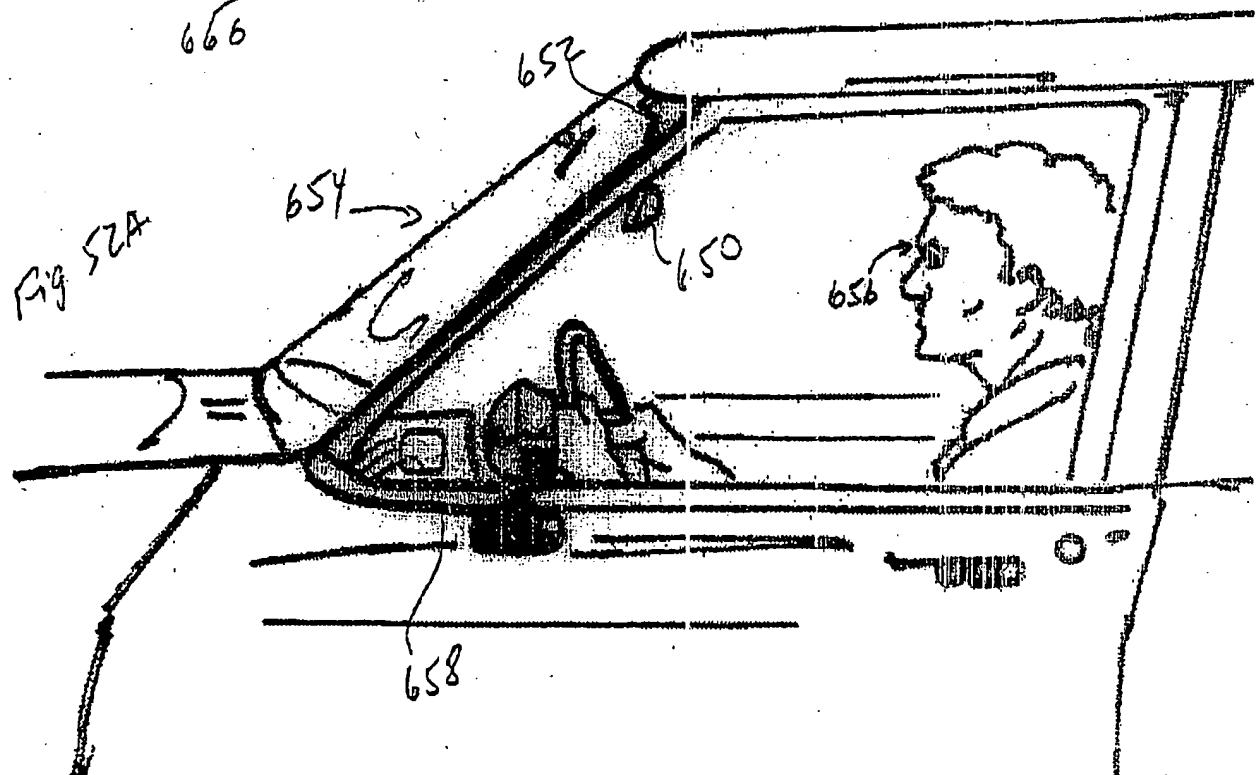
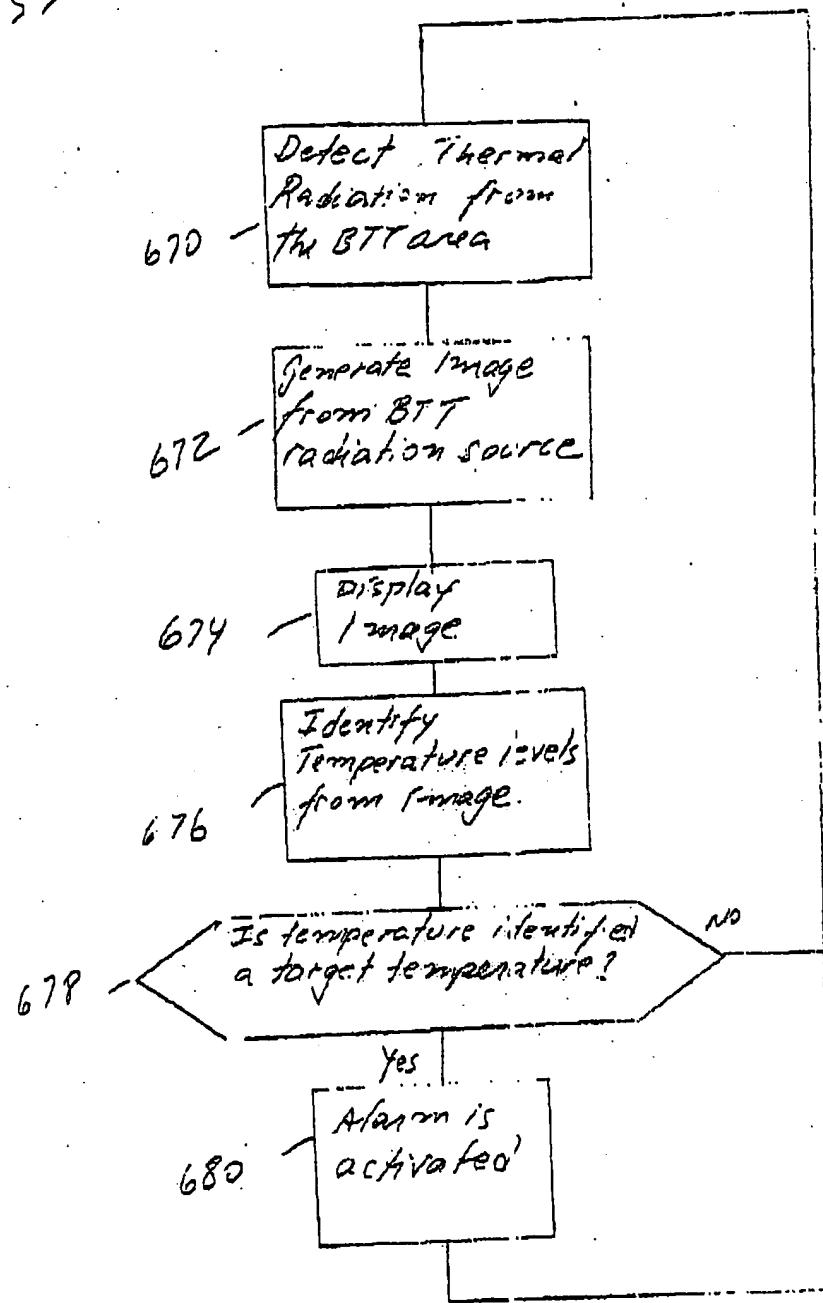
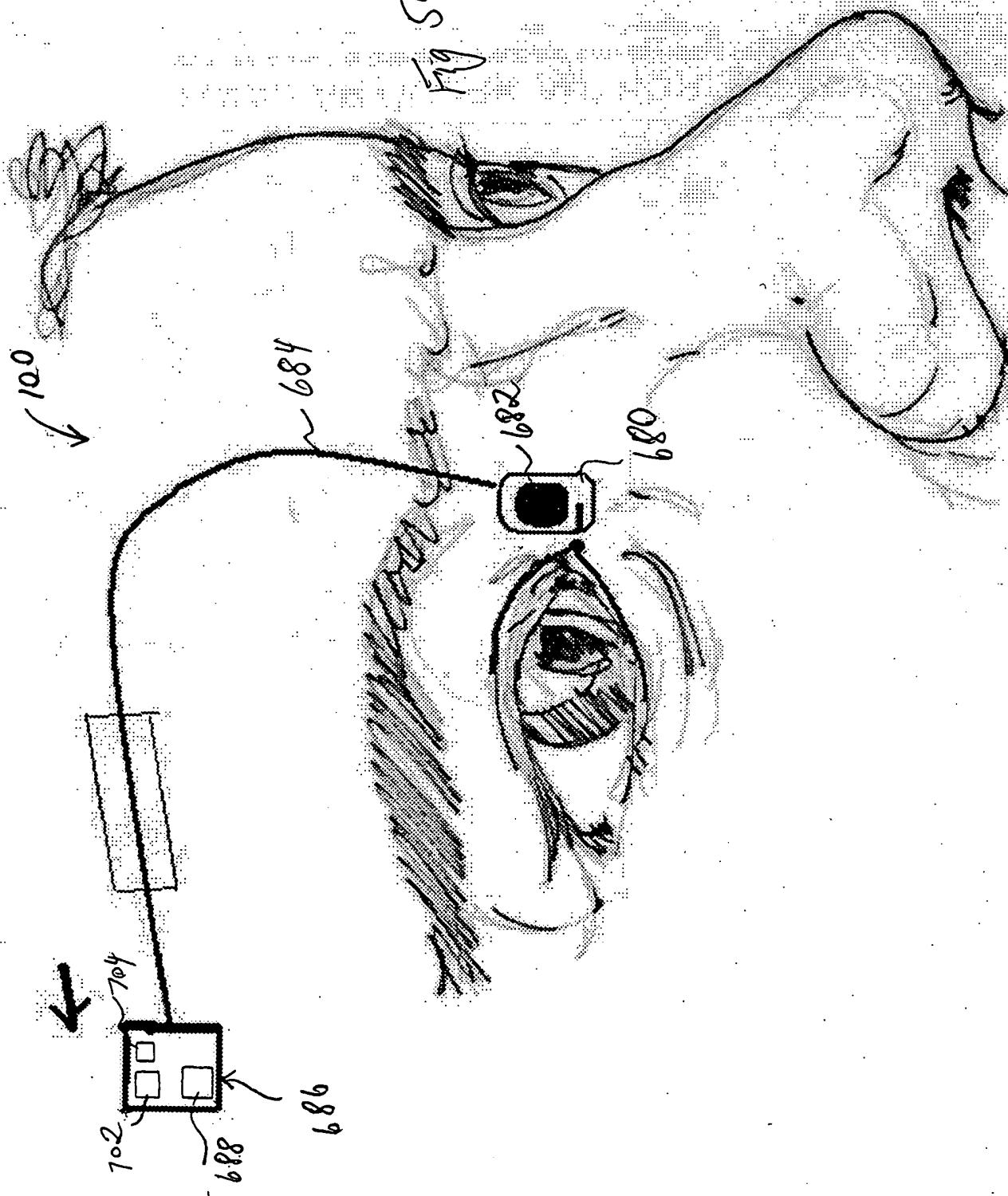


Fig. 53





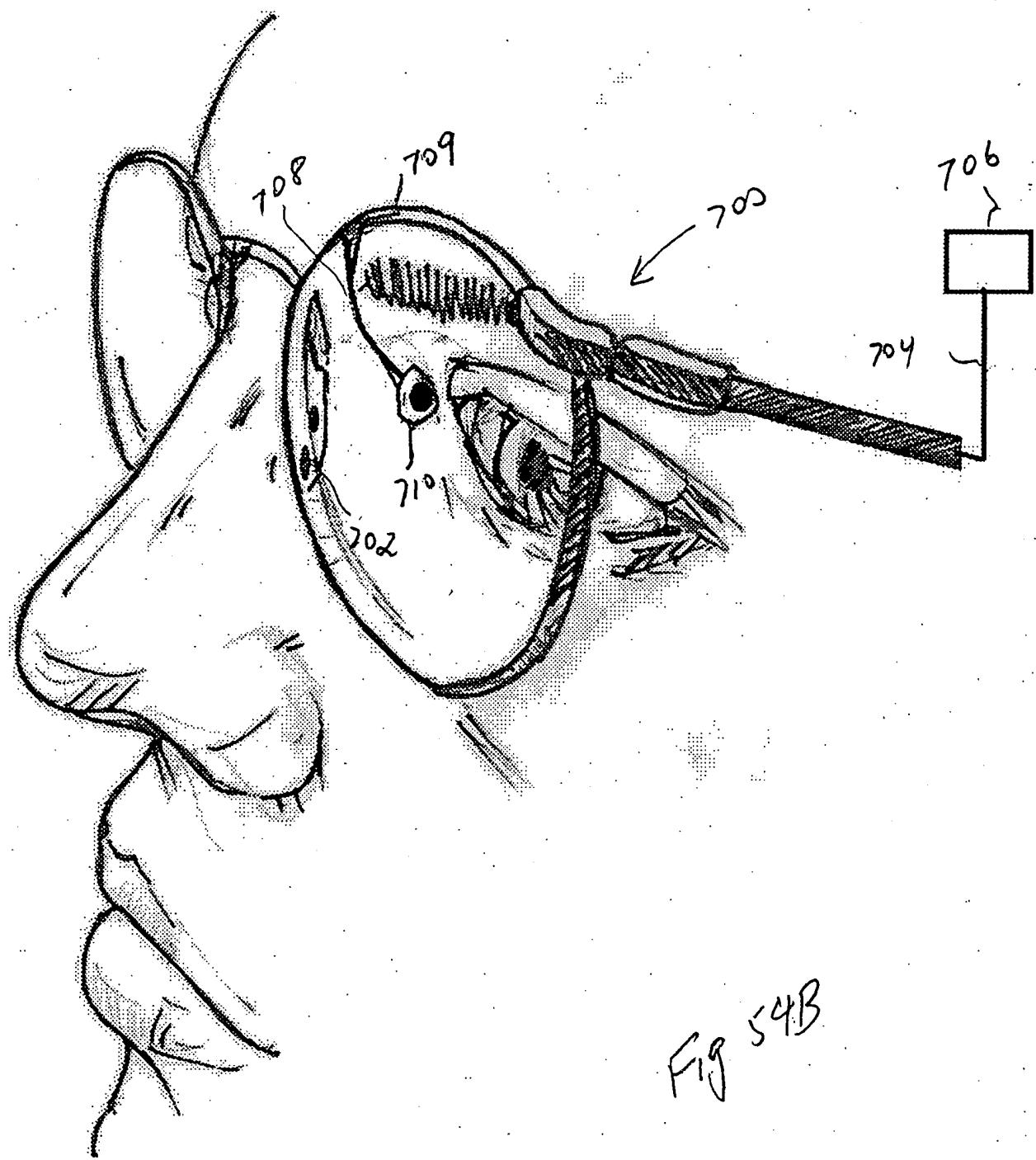
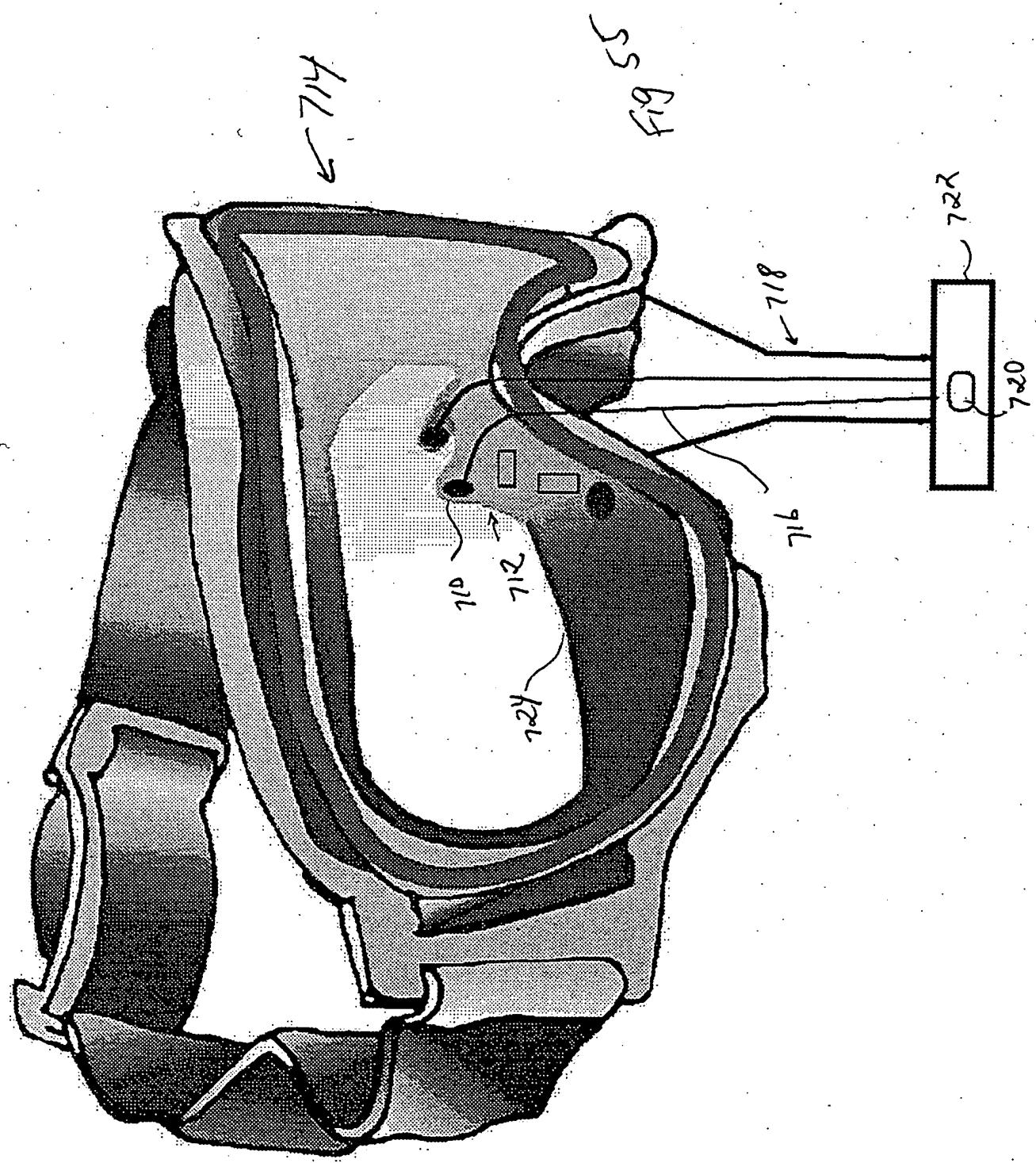


Fig 54B



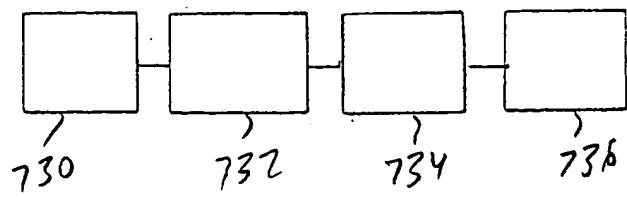


Fig 56A

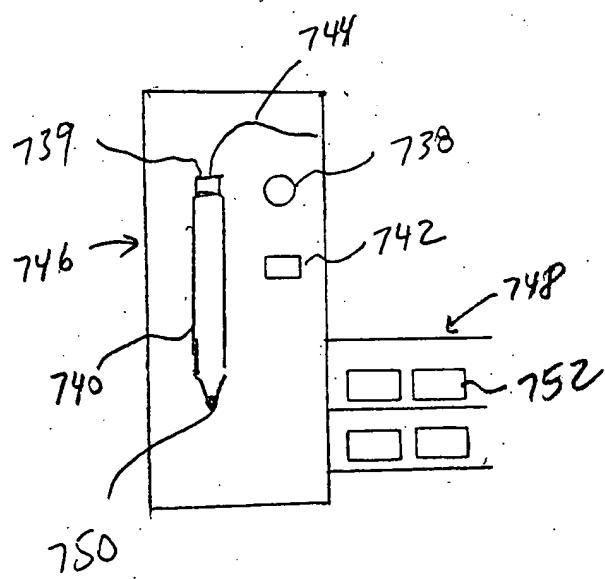


Fig 56B

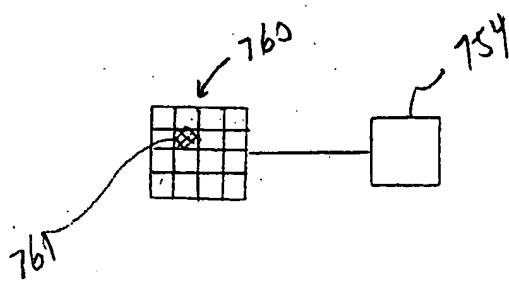


Fig 57

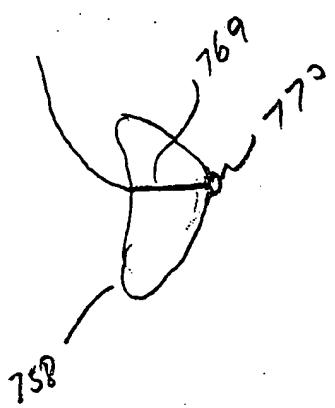


Fig 58A

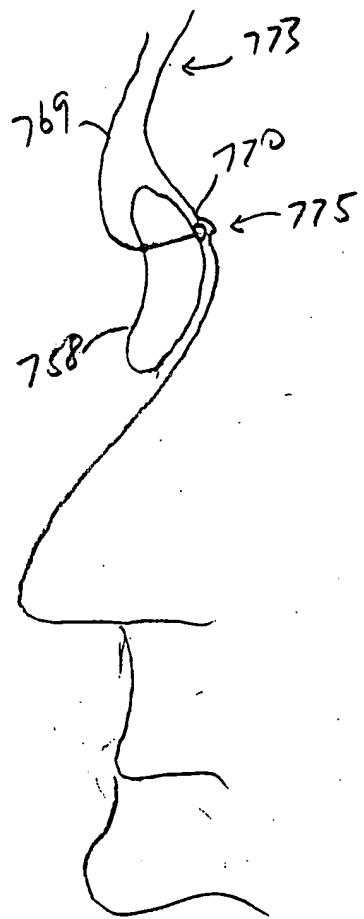
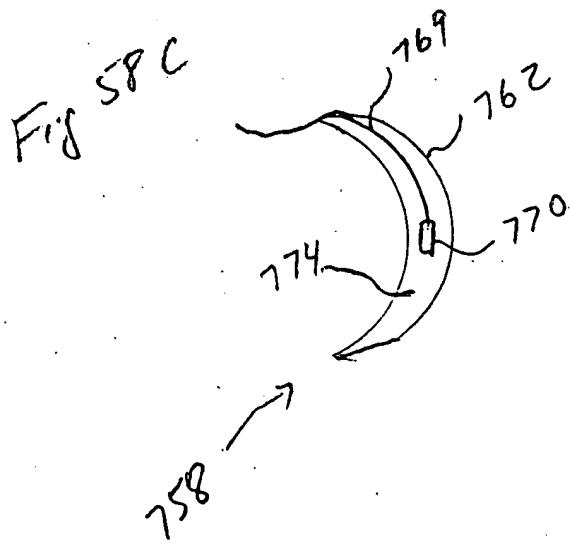


Fig 58B



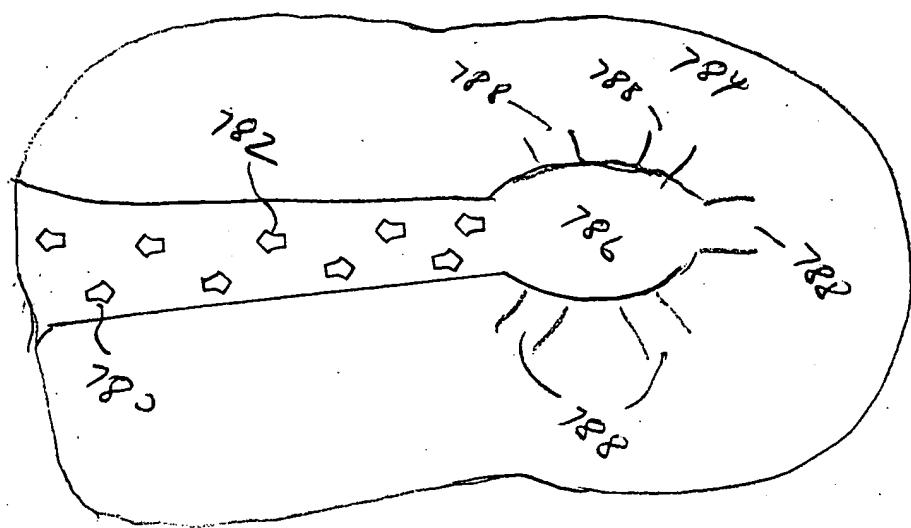


Fig. 59

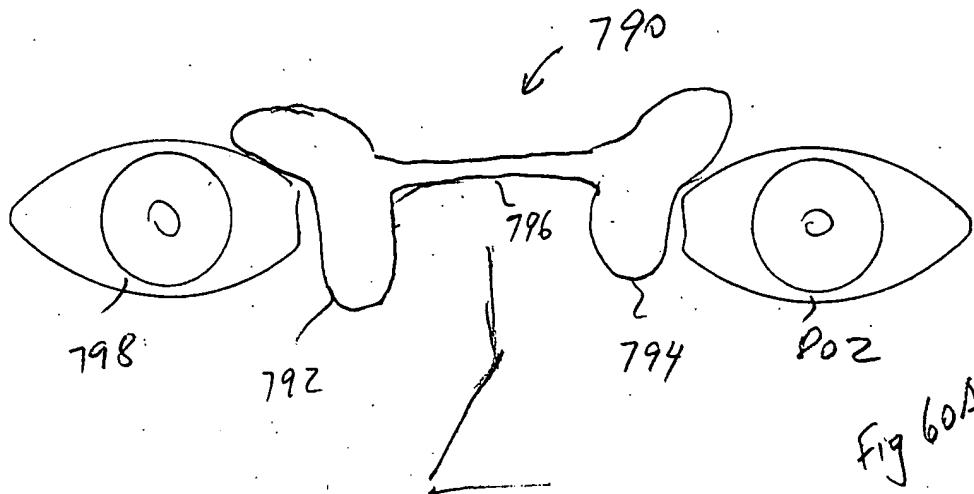


Fig 60A

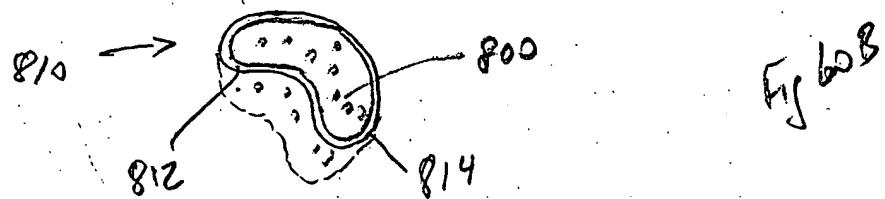


Fig 60B

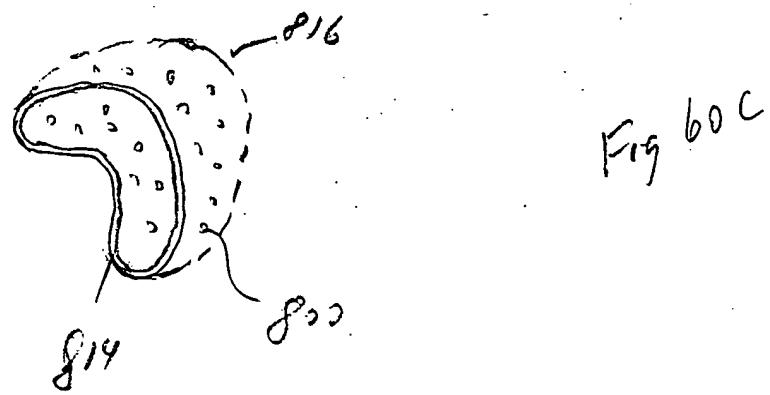


Fig 60C

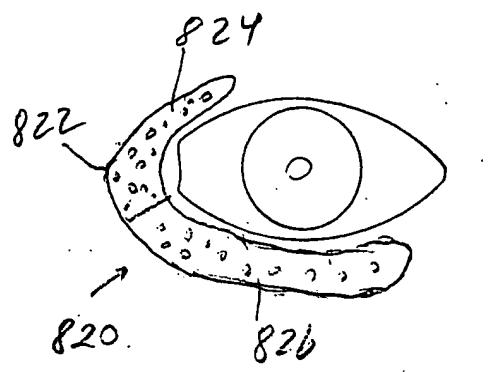


Fig. 61

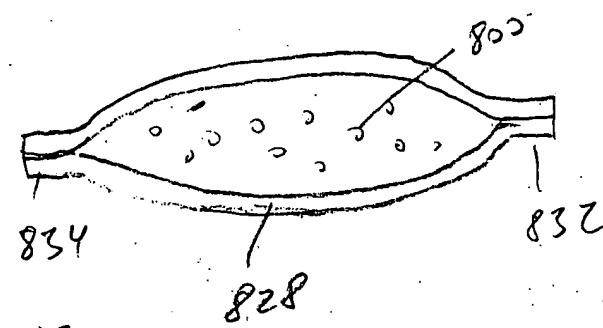


Fig. 62

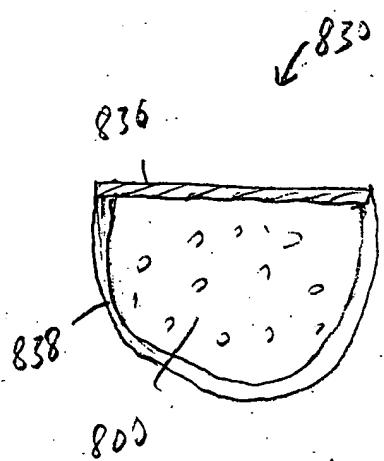
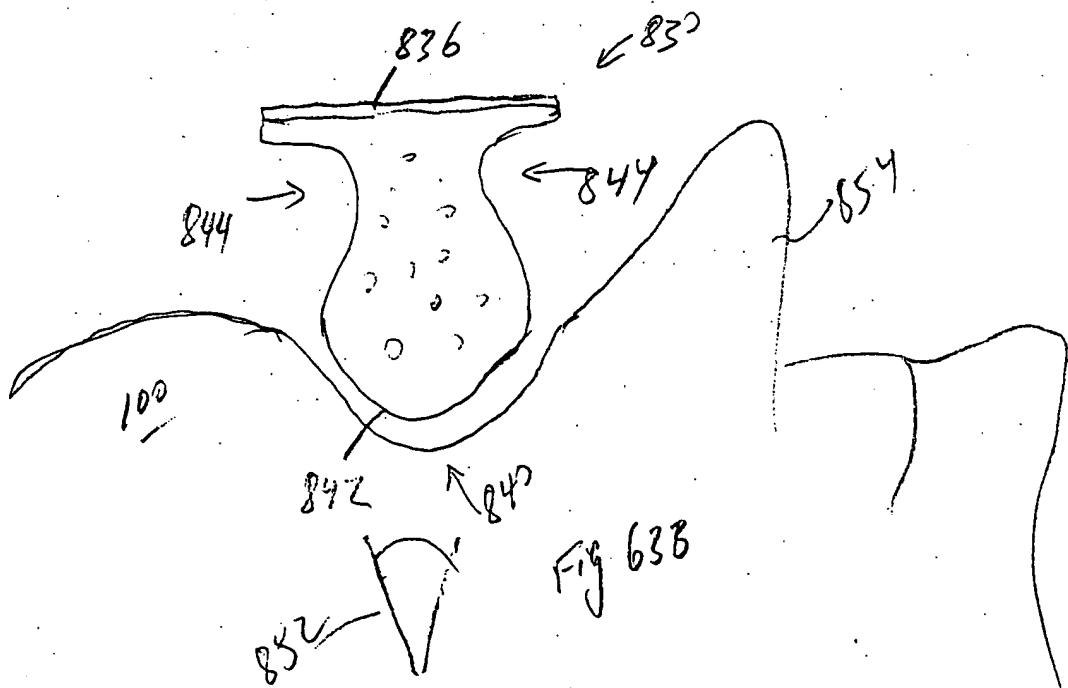


Fig. 63A



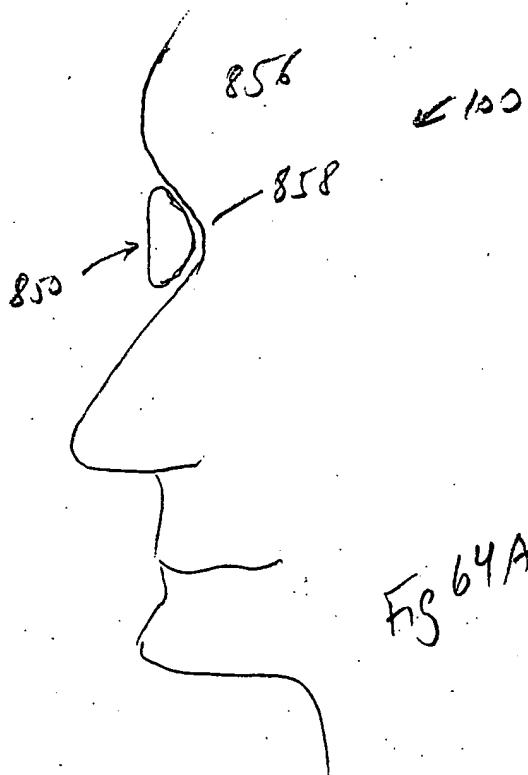


Fig 64A

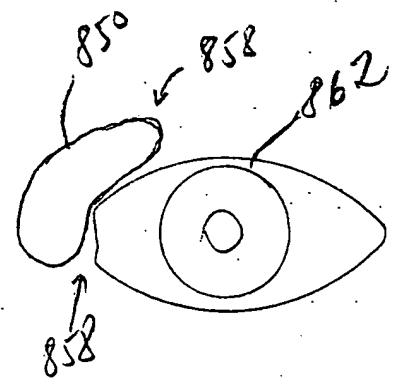


FIG 64B

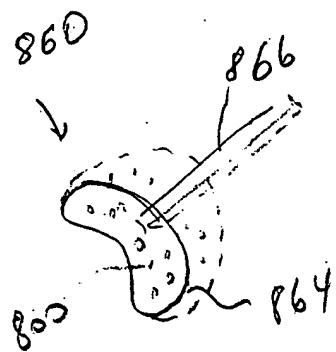


Fig 65

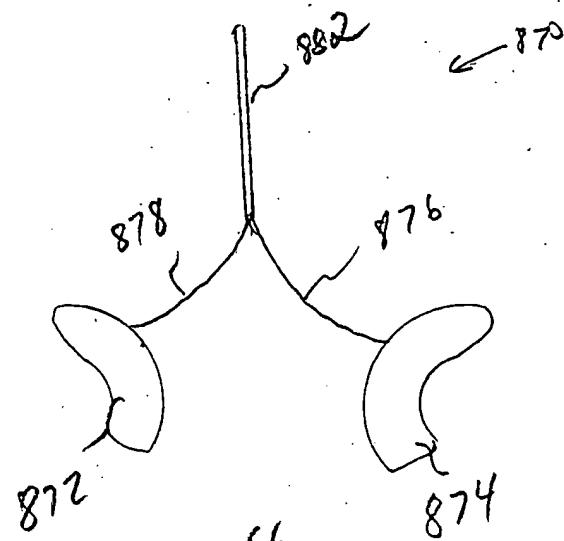


Fig 66

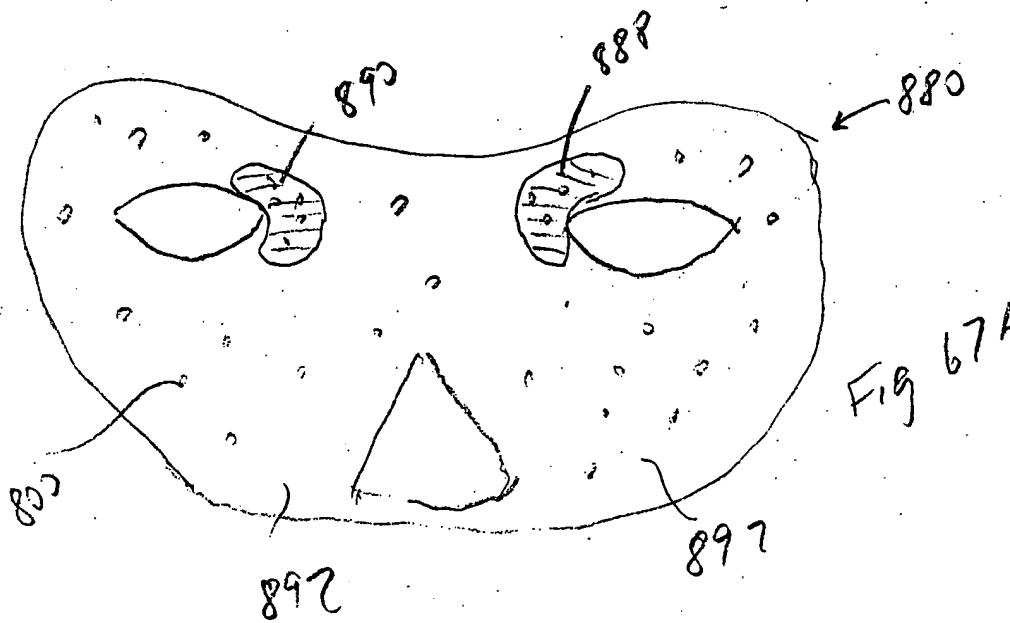


Fig 67A



Fig 67B

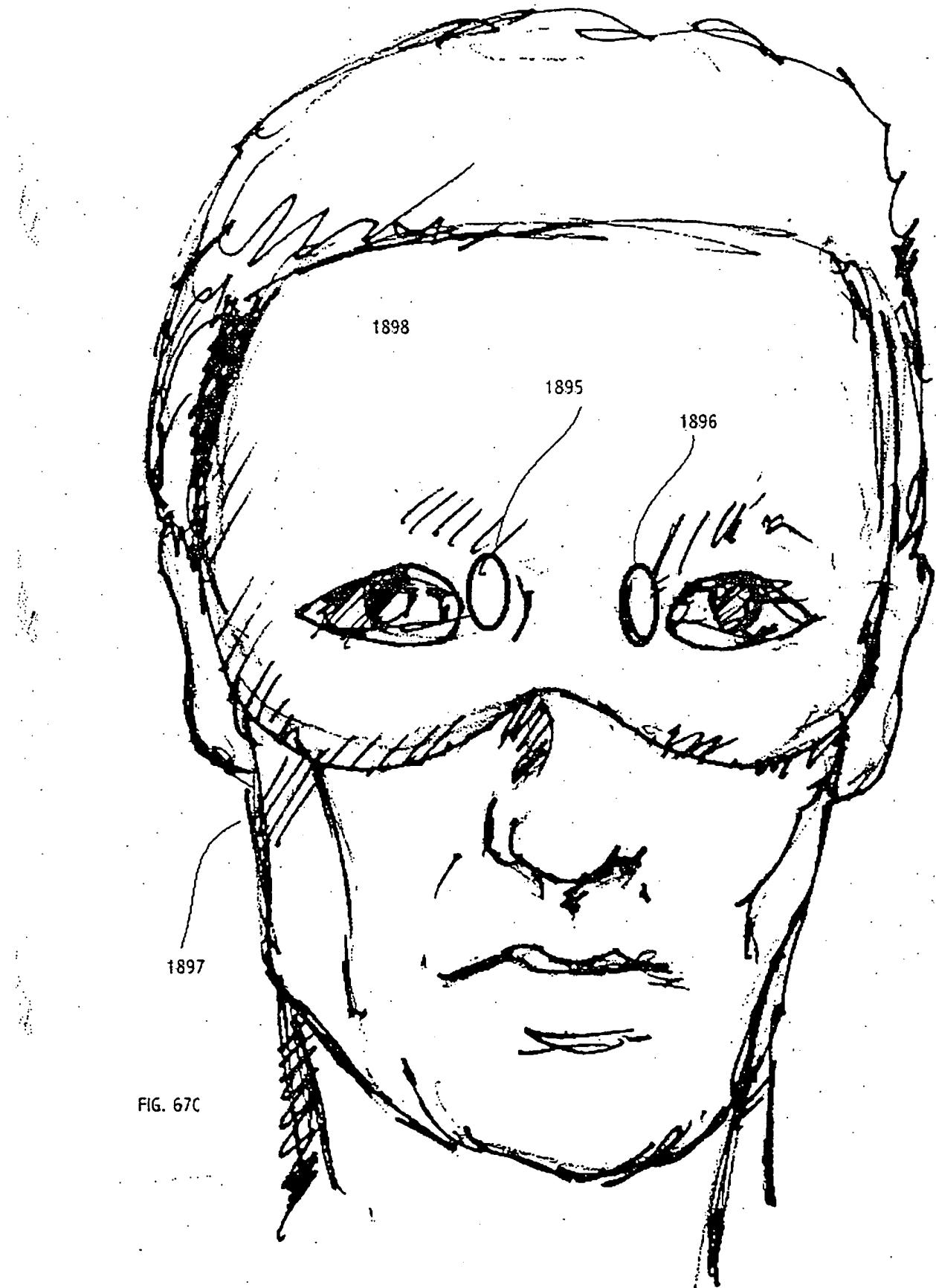


FIG. 67C

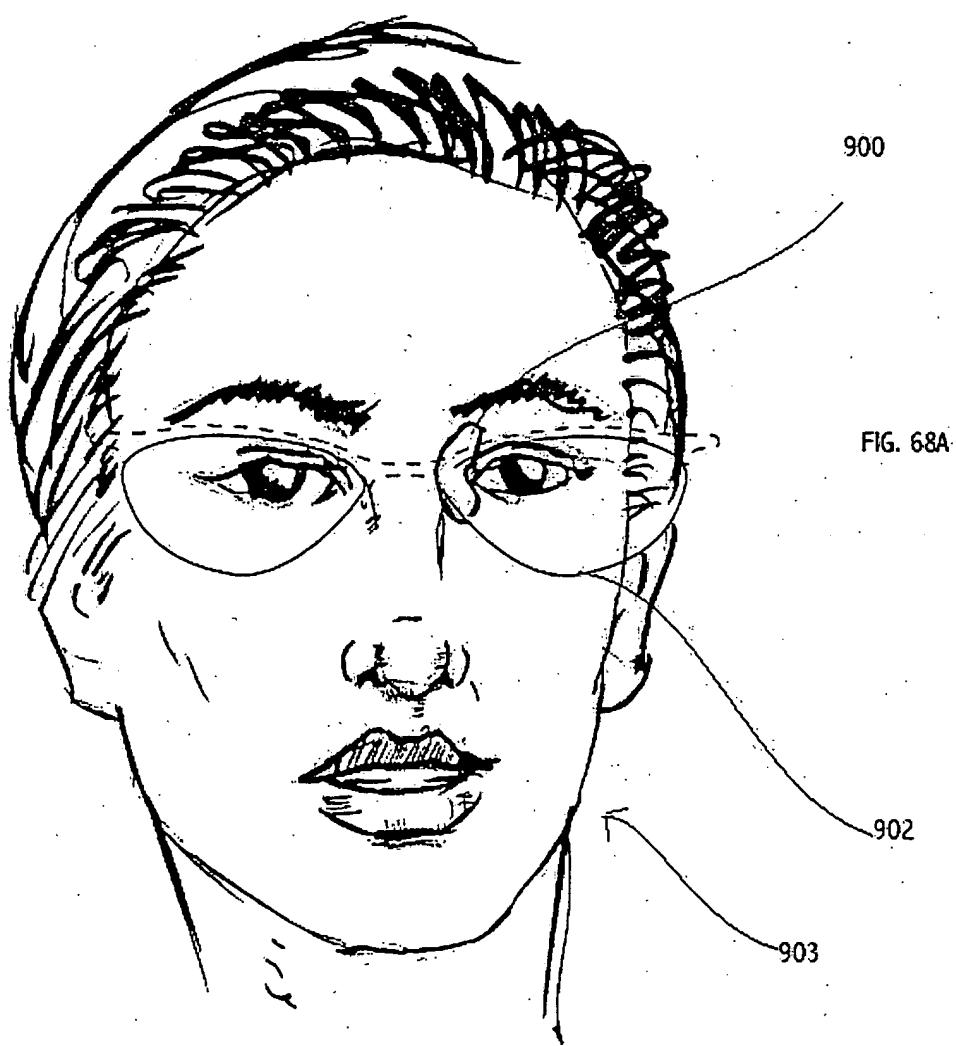


FIG. 688



FIG. 69A

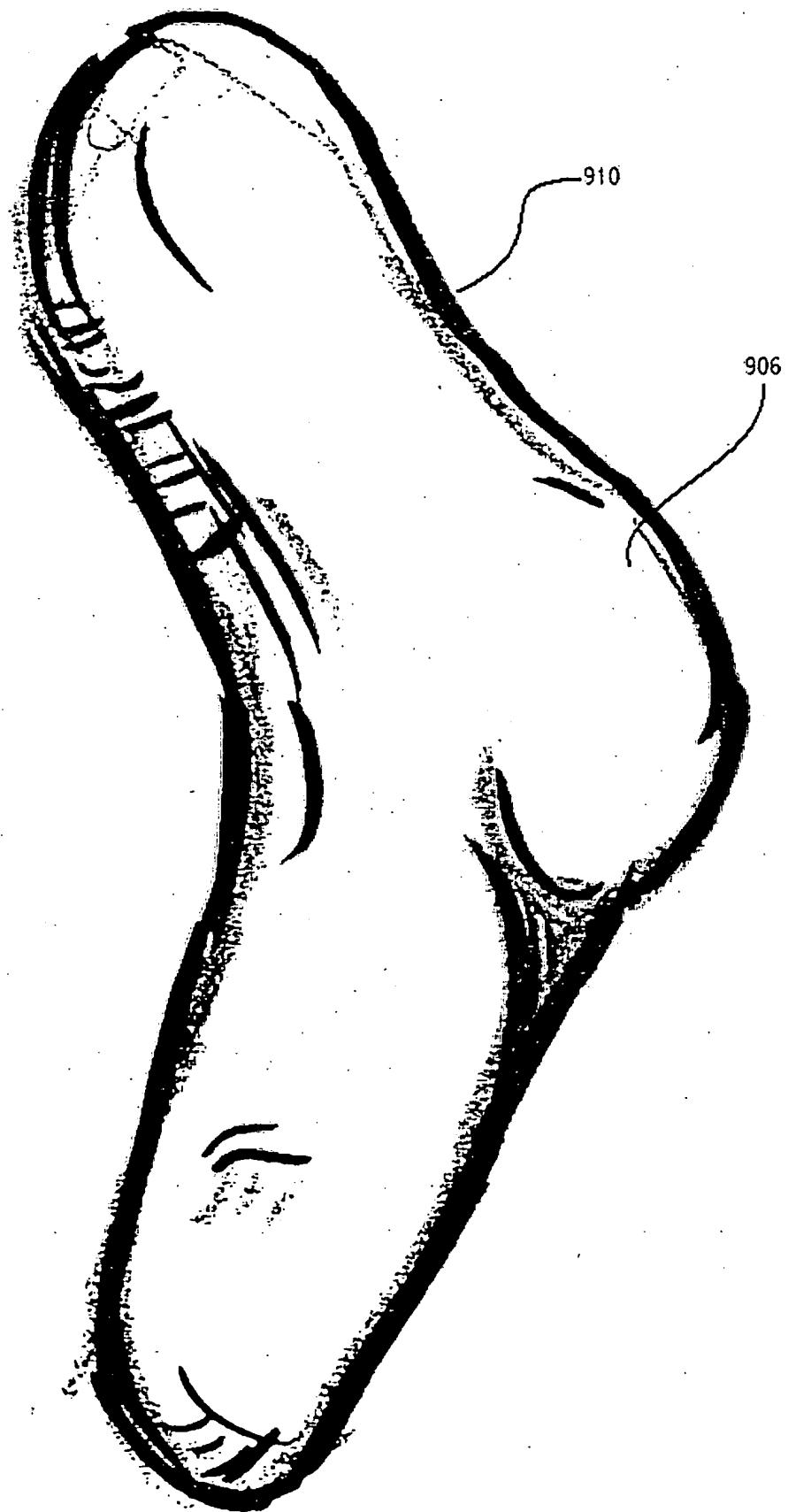


FIG.69B

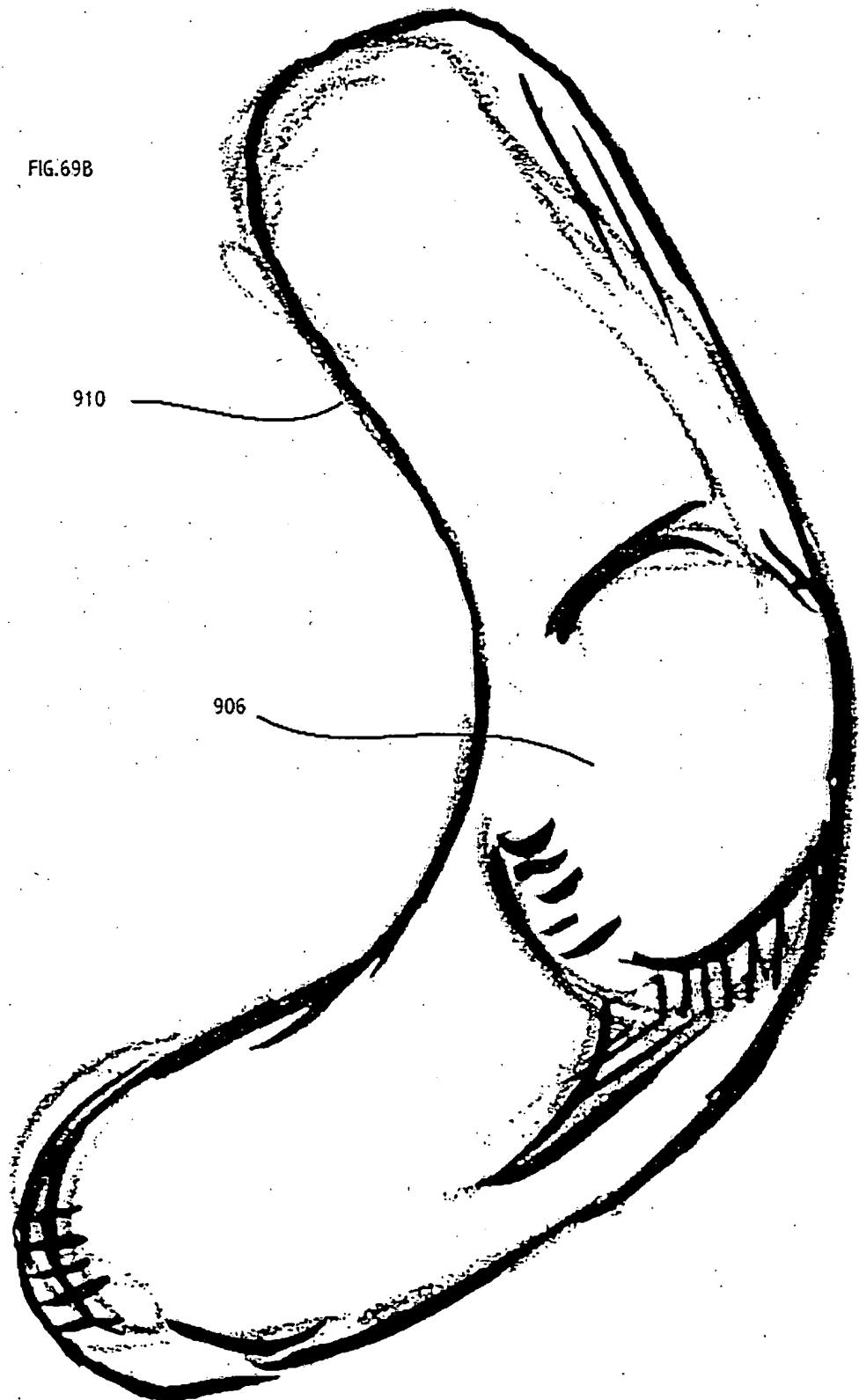


FIG. 69C





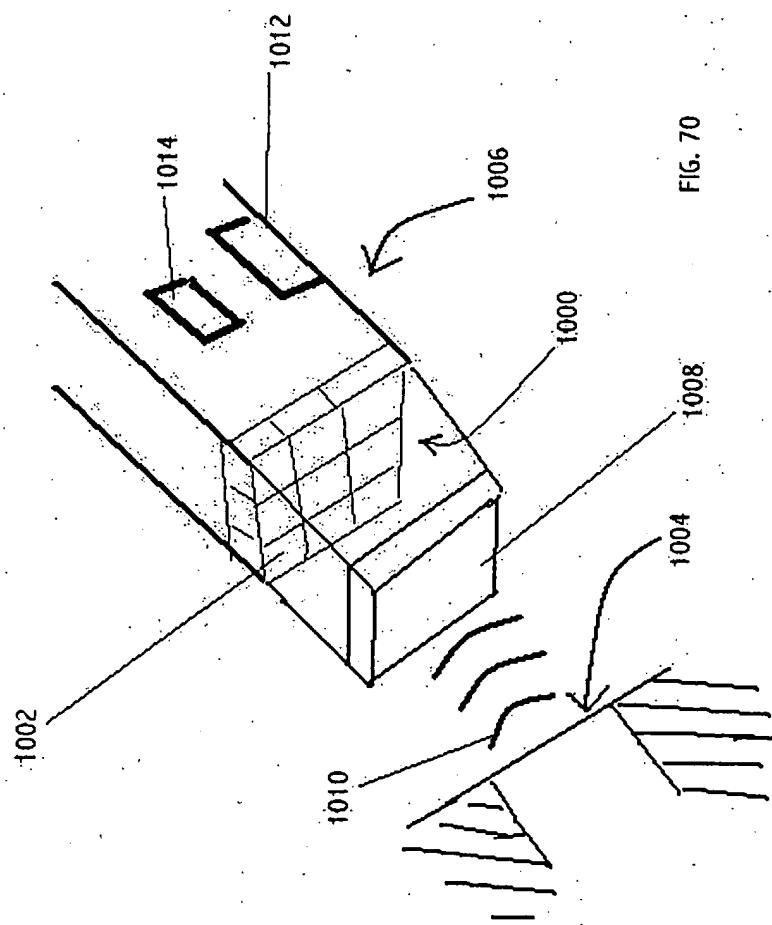


FIG. 70

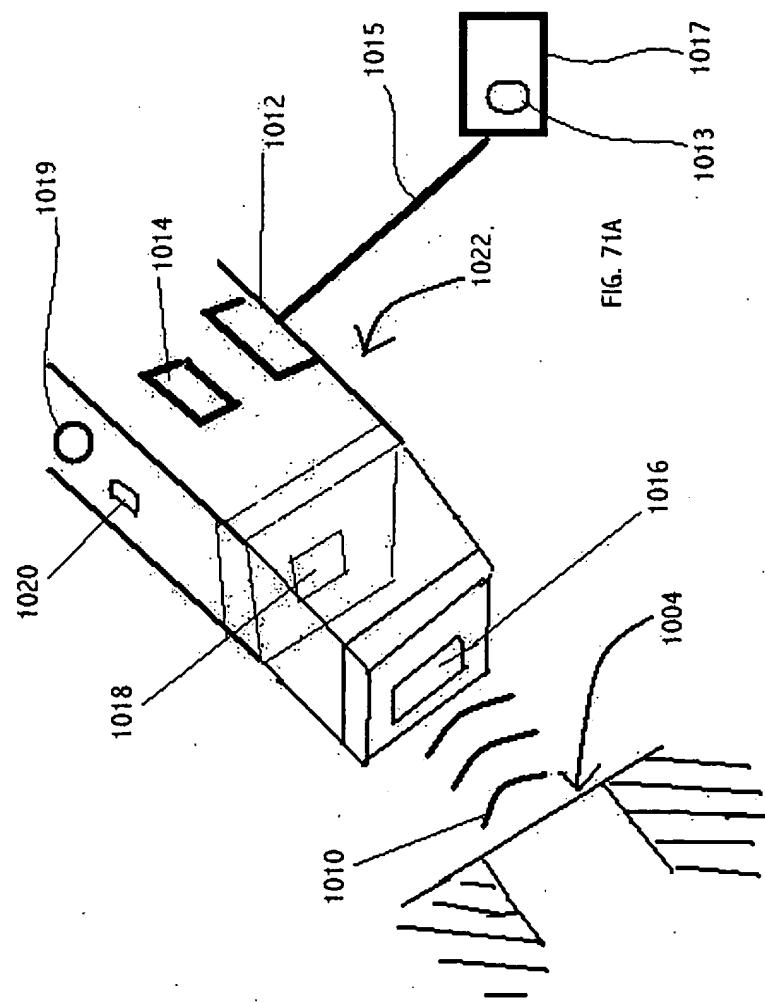
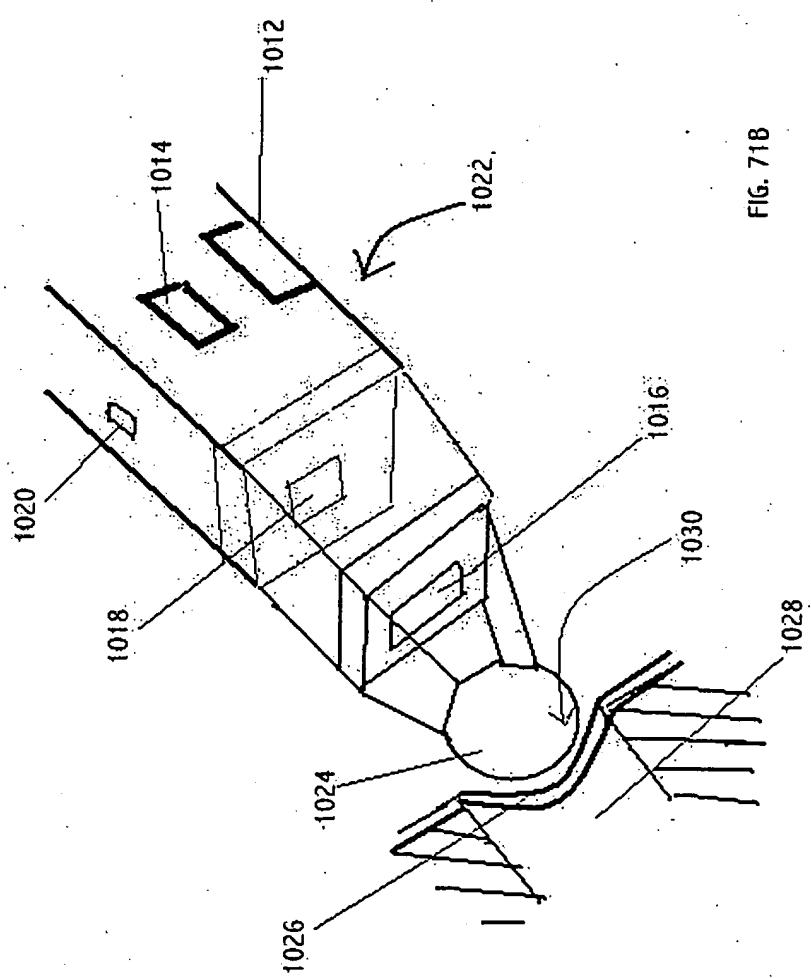


FIG. 71A



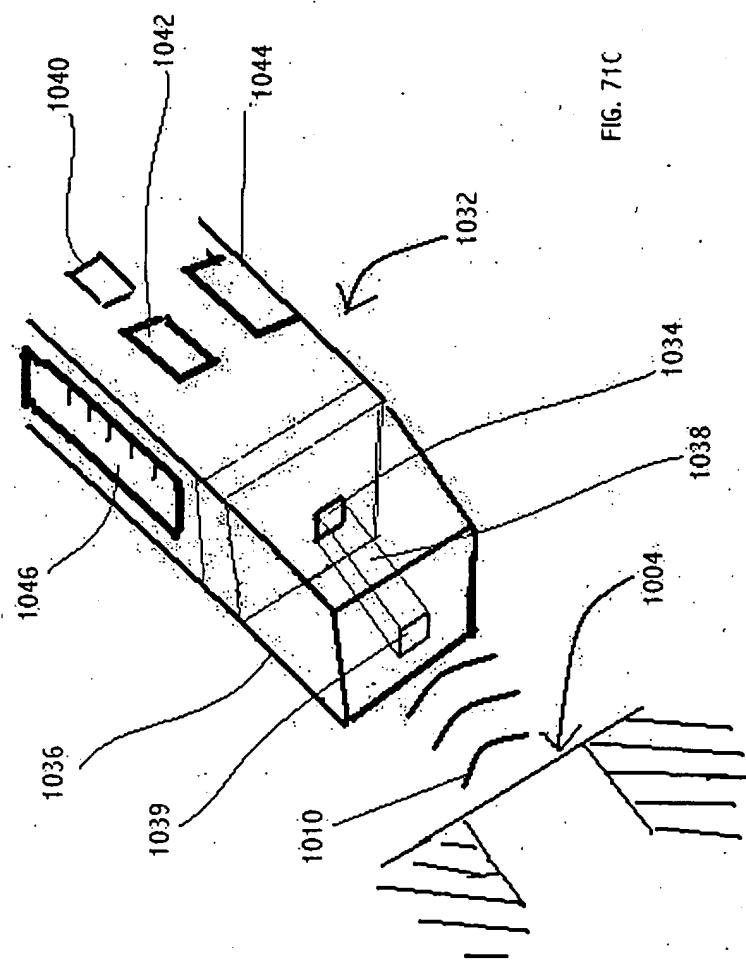
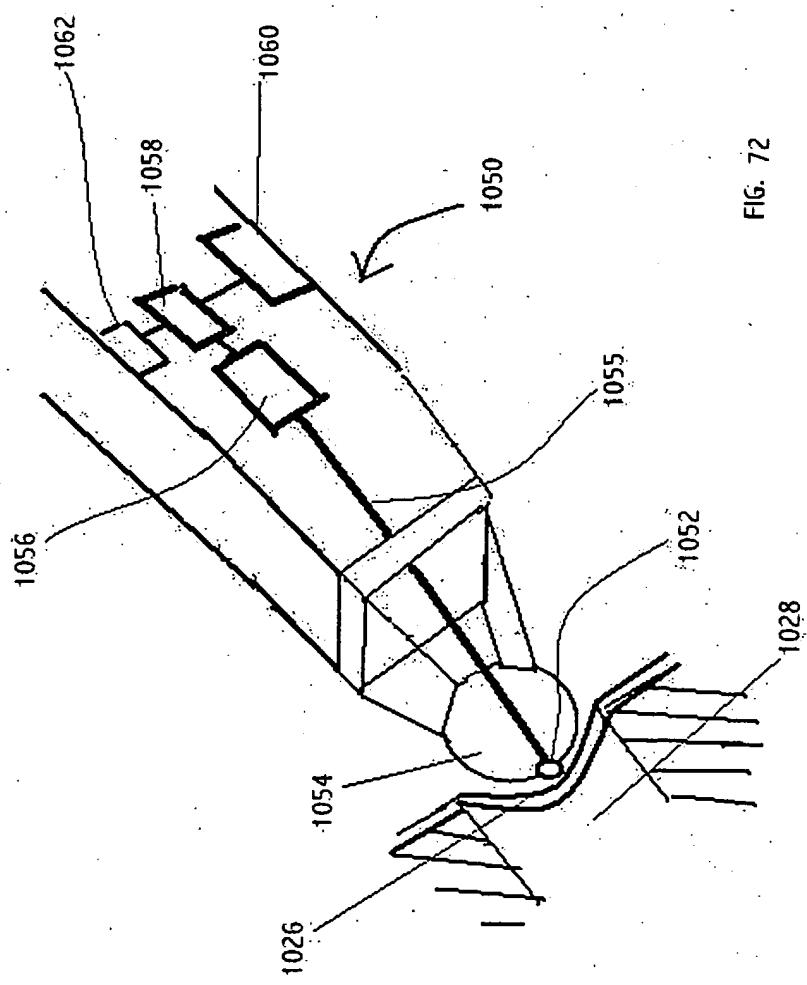


FIG. 71C



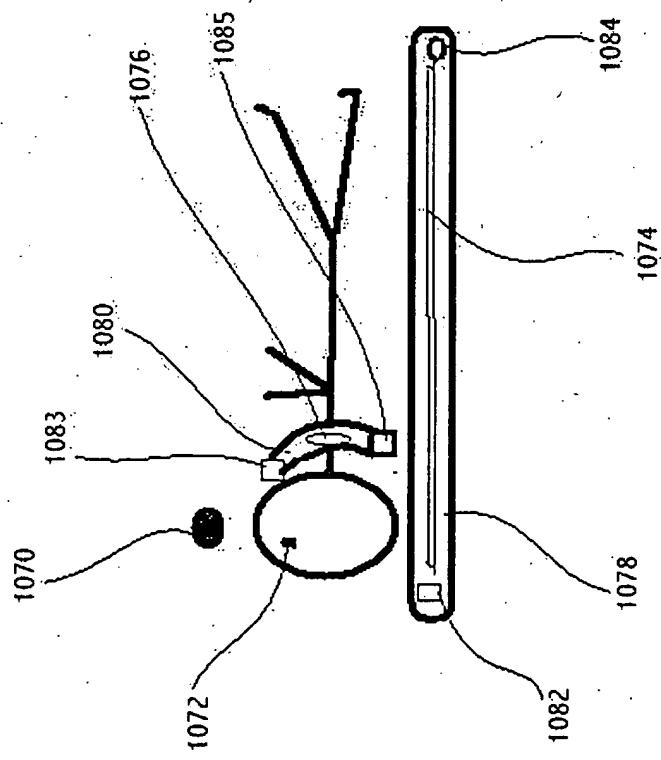
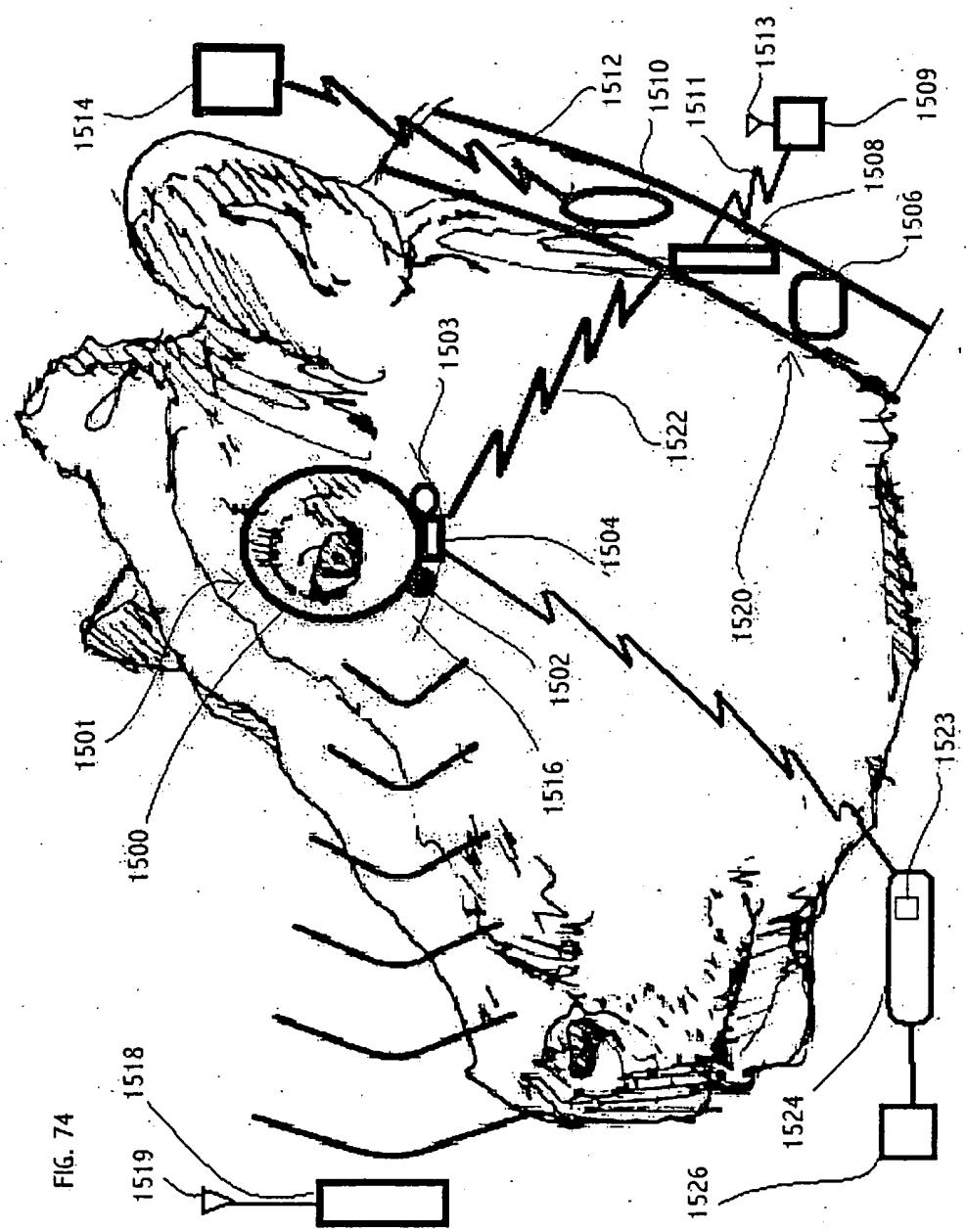


FIG. 73

FIG. 74



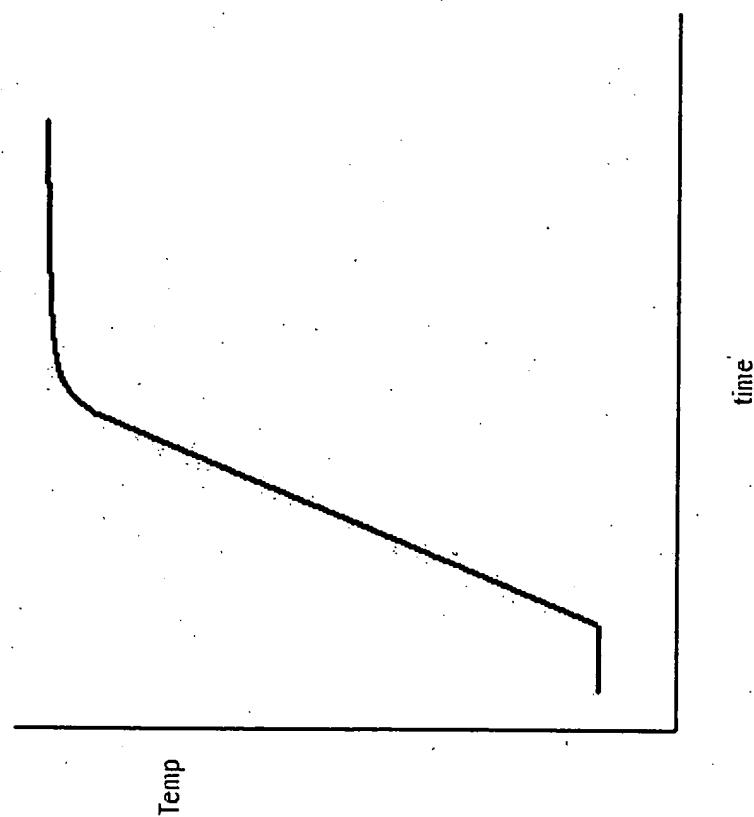


FIG 75A

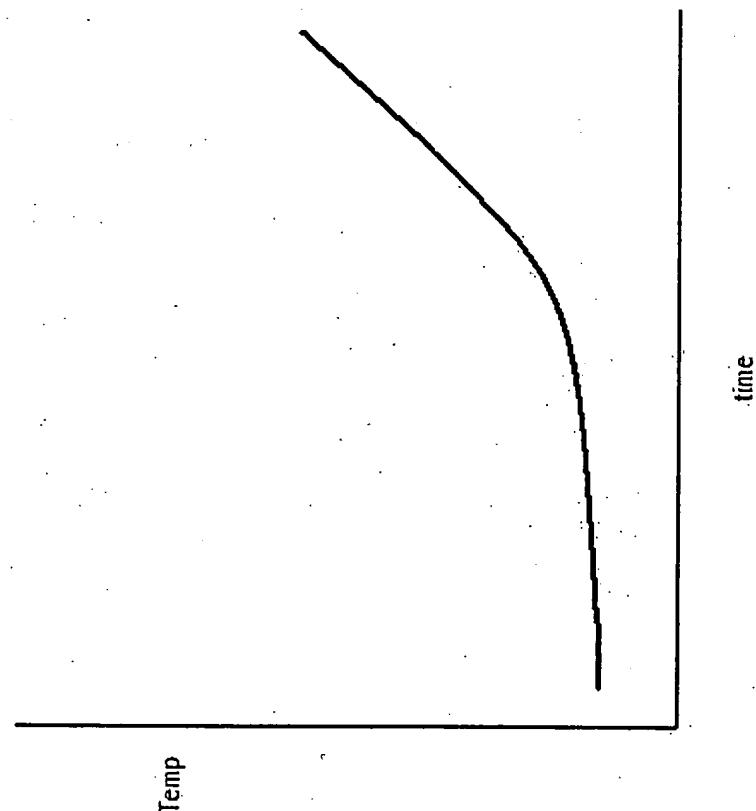


FIG 75B

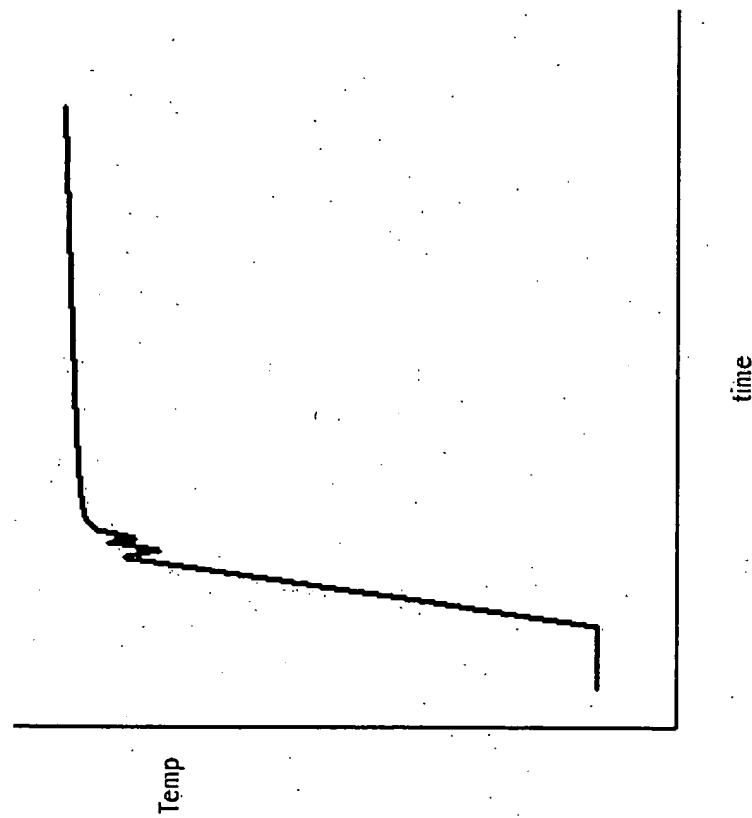


FIG 75C

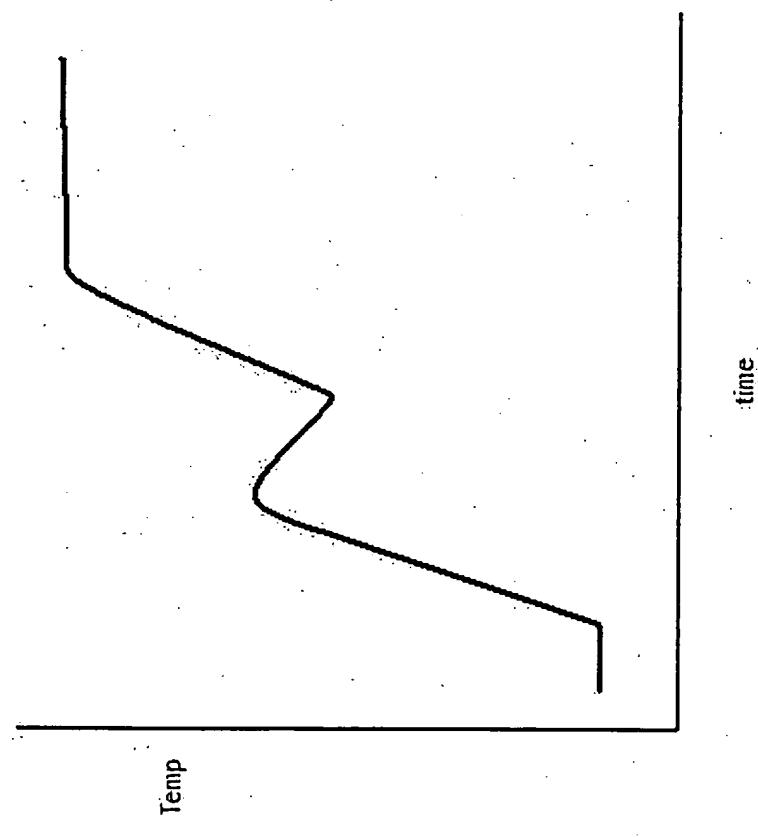


FIG. 75D

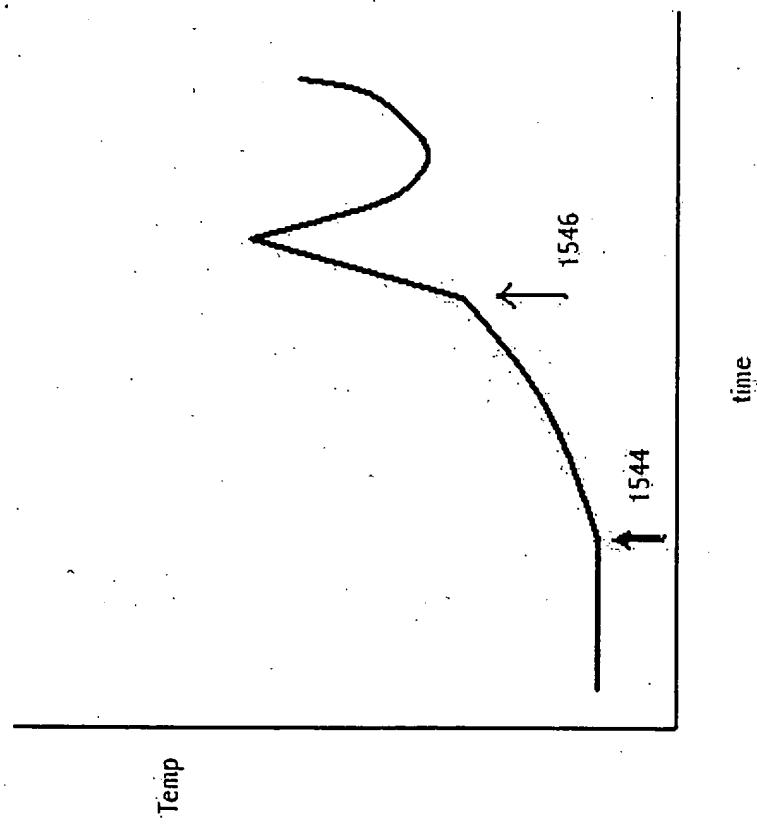
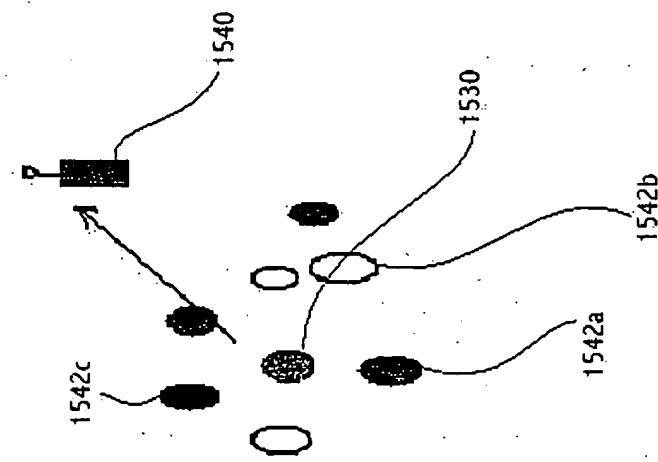


FIG 75E

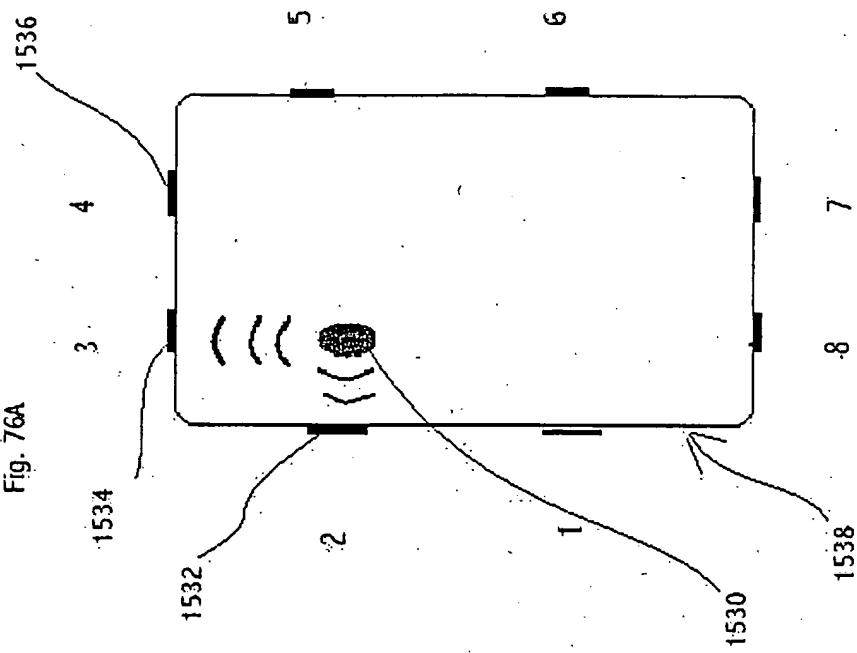
SECOND STEP:
RADIO RCV DIRECTION FINDER

Fig 76B



FIRST STEP: C. SCREEN

Fig. 76A



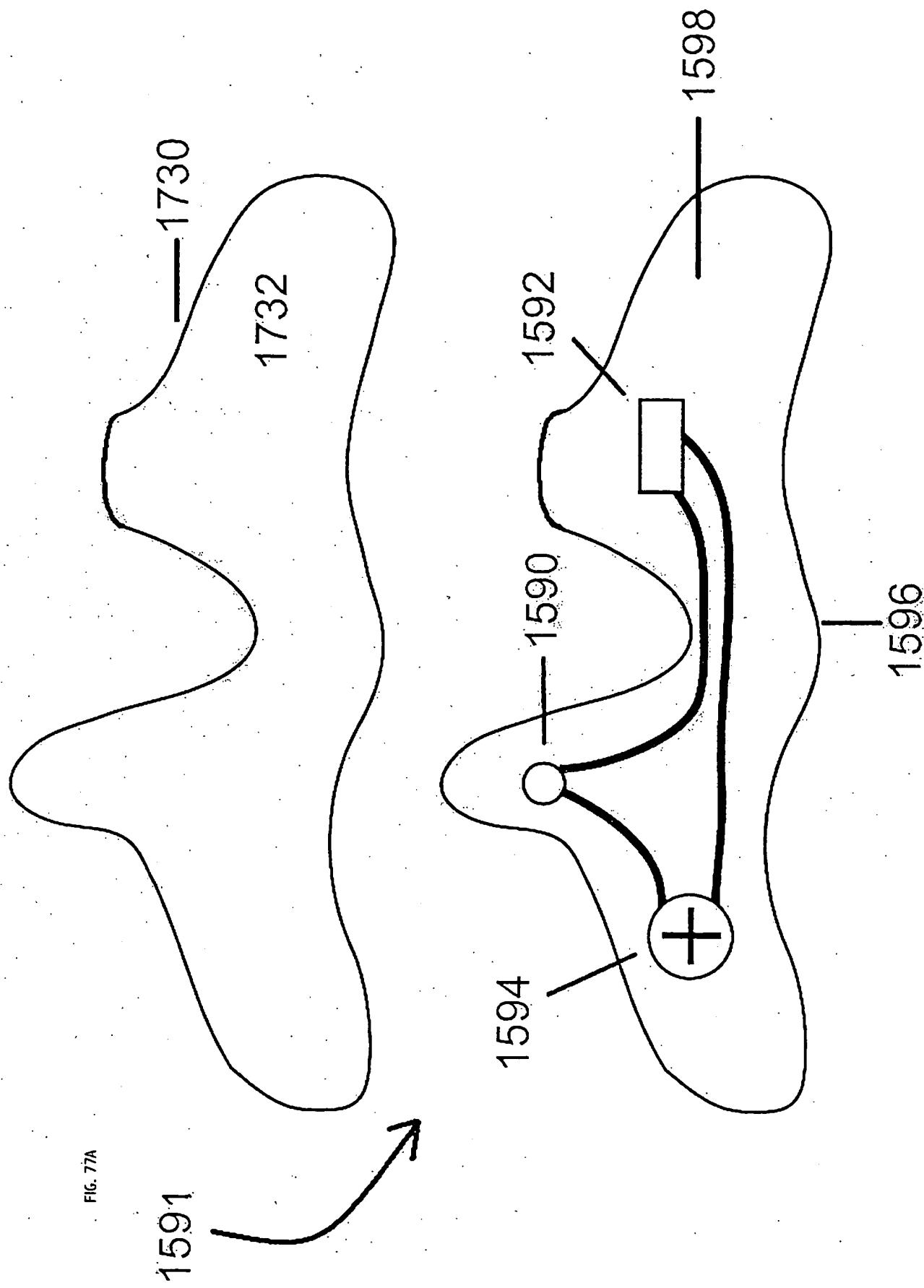


FIG. 77A

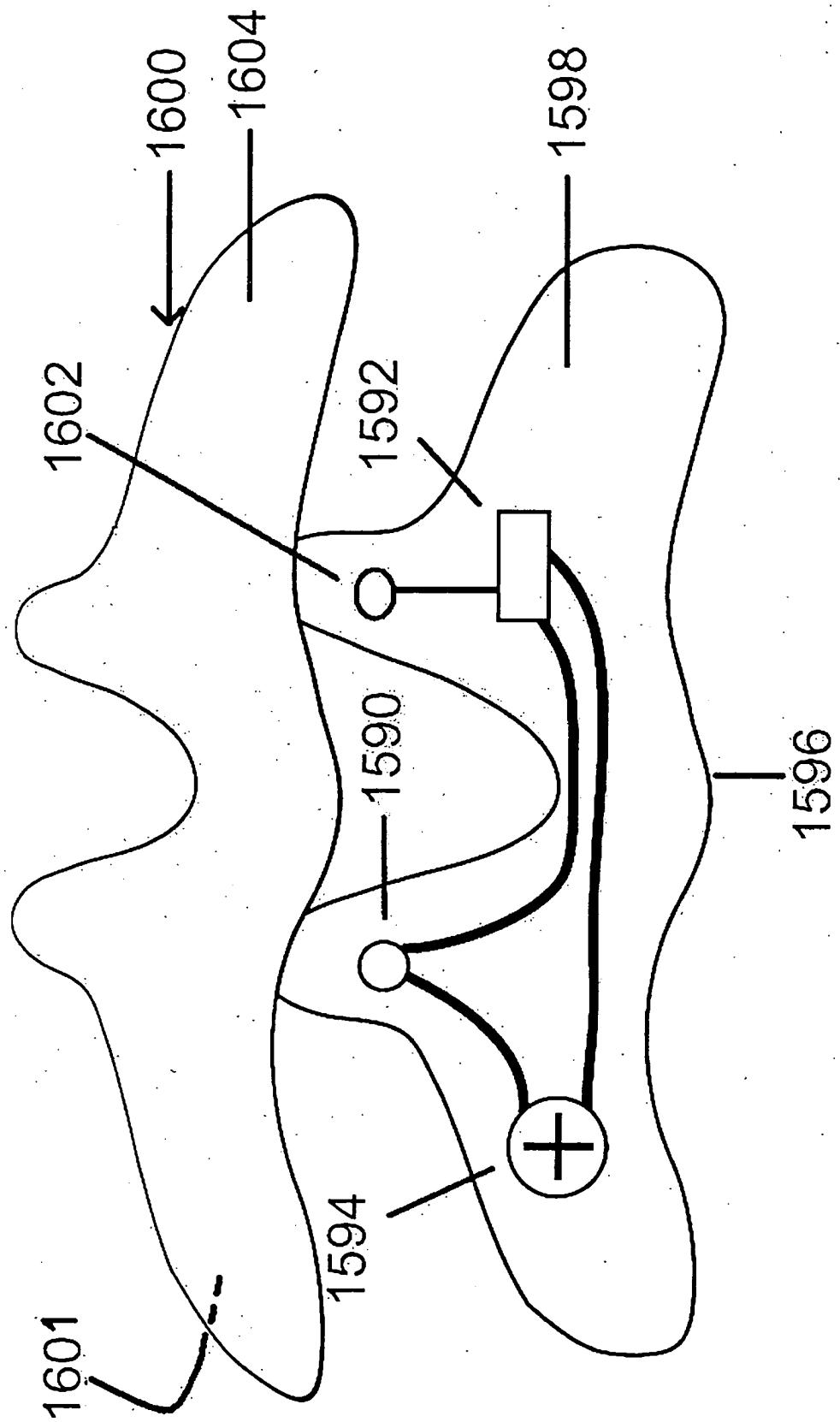


FIG 77B

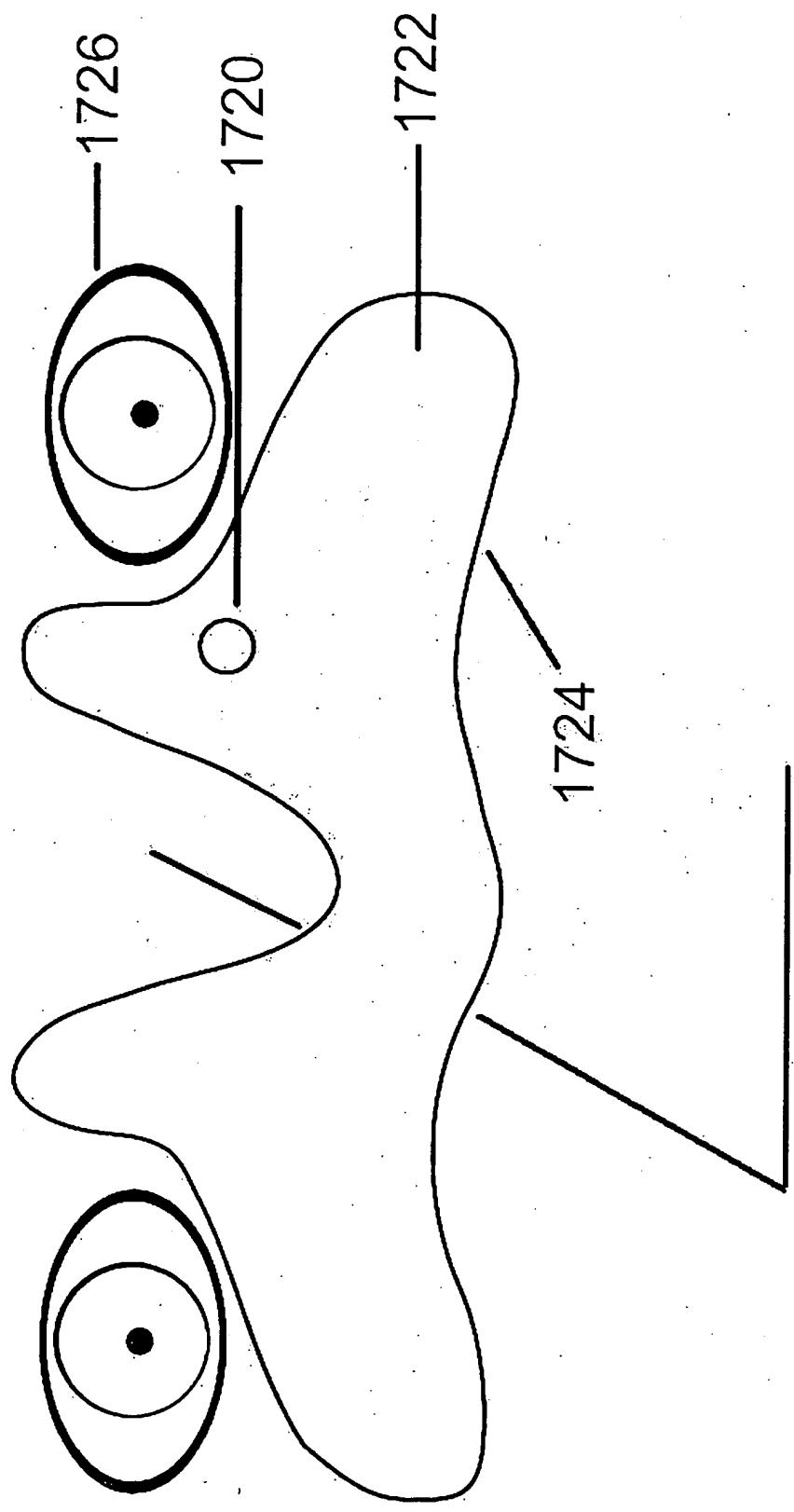


FIG. 77C

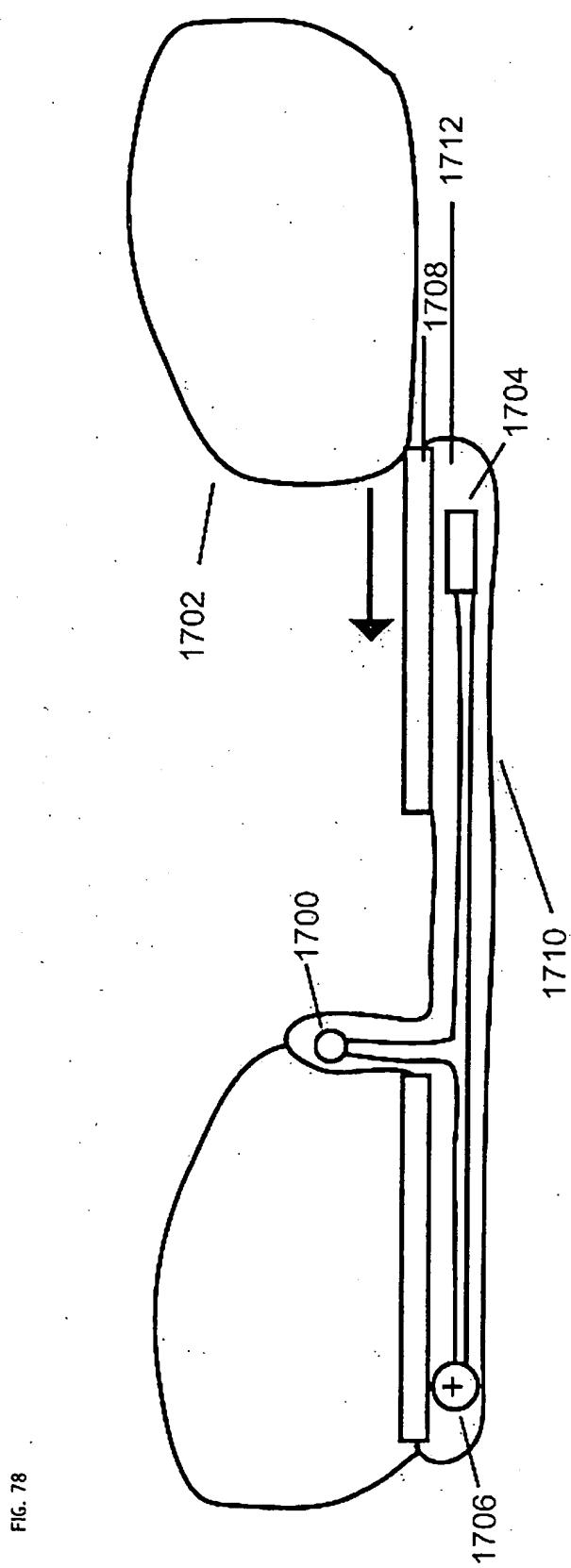
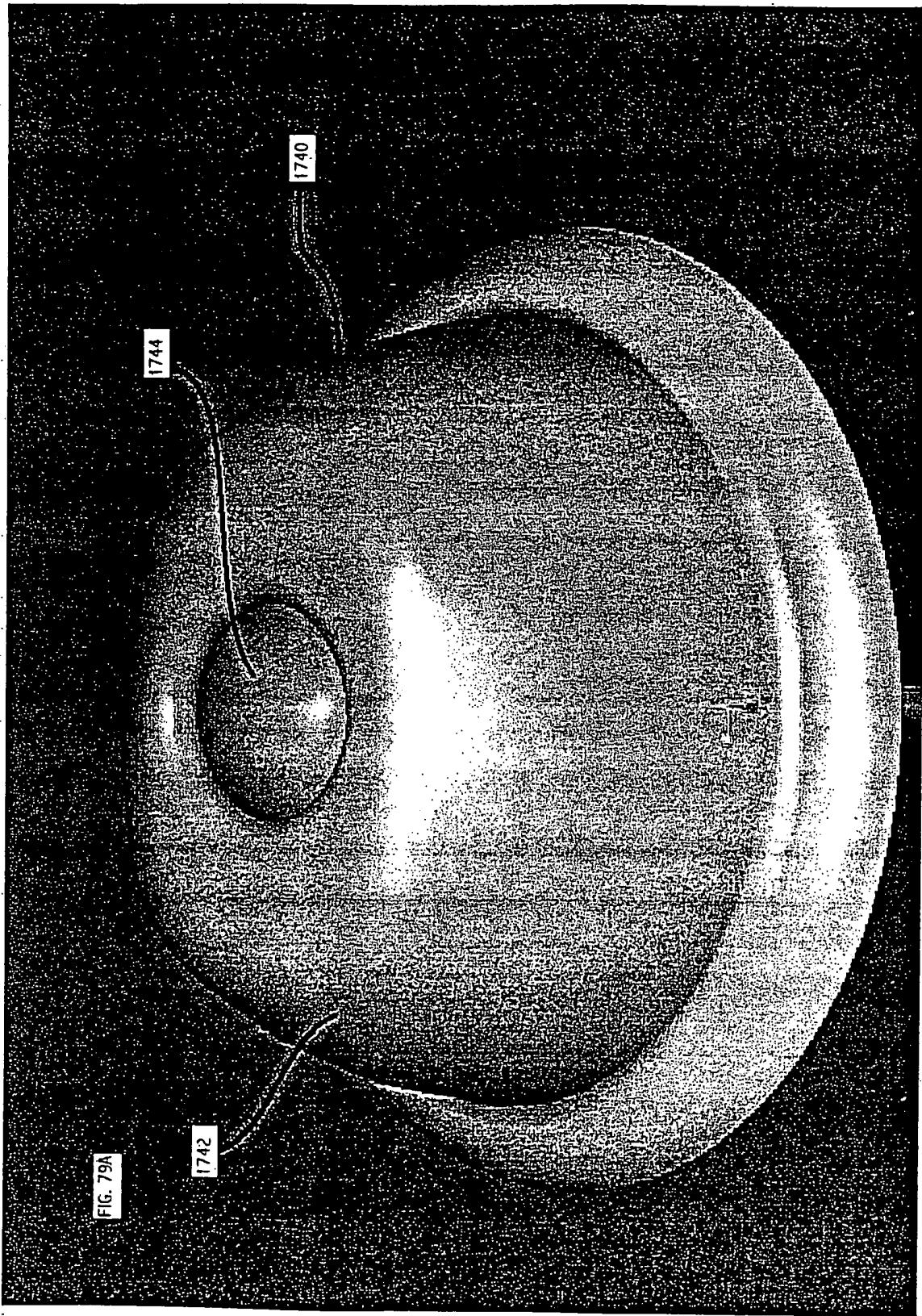
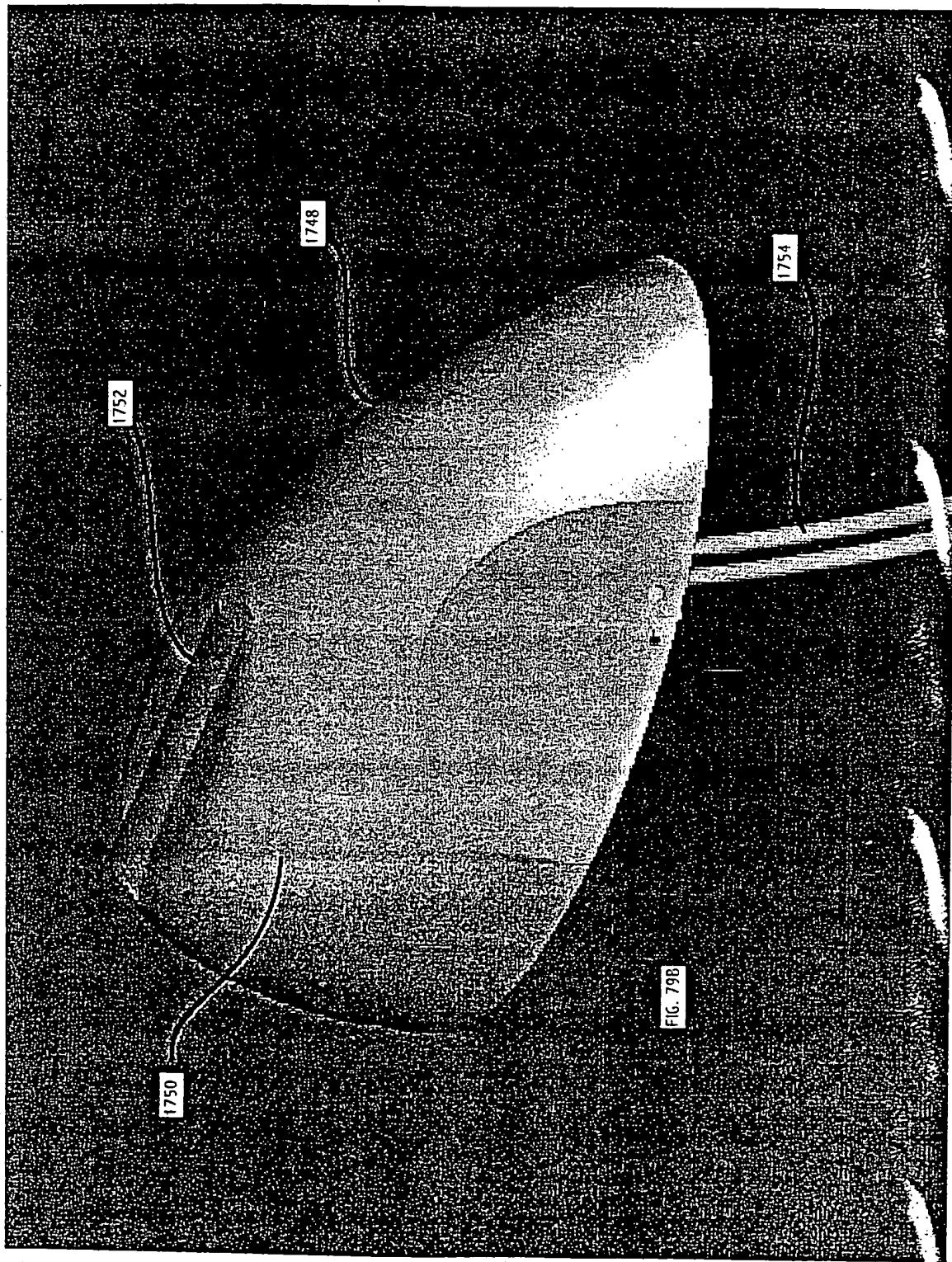


FIG. 78





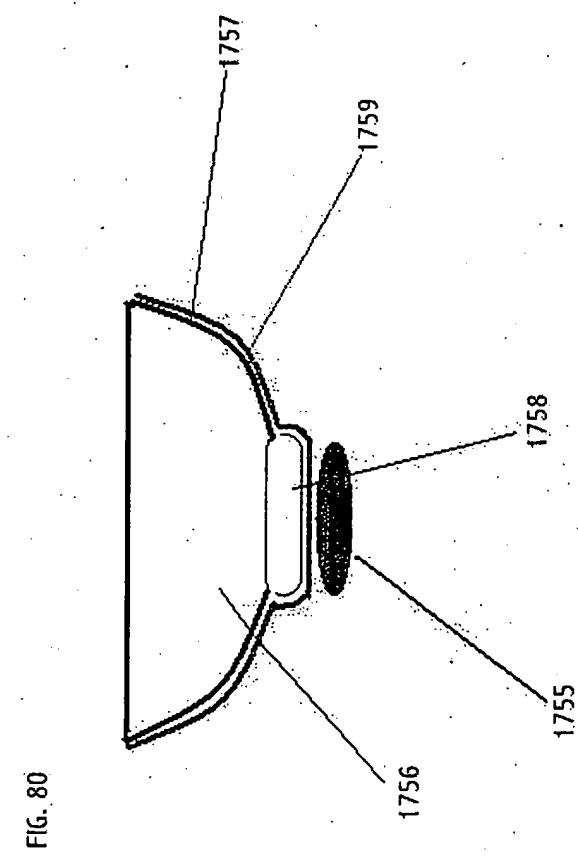


FIG. 80

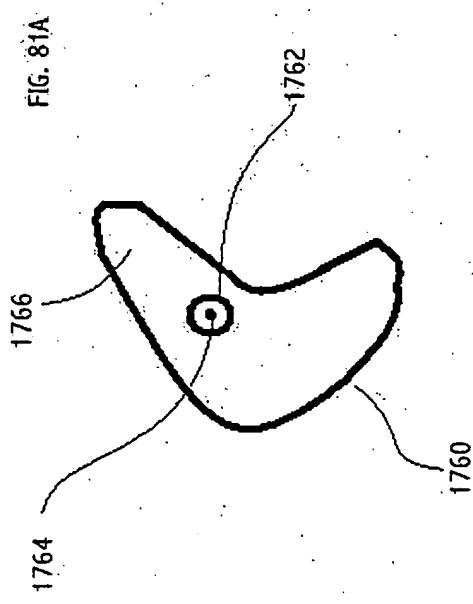
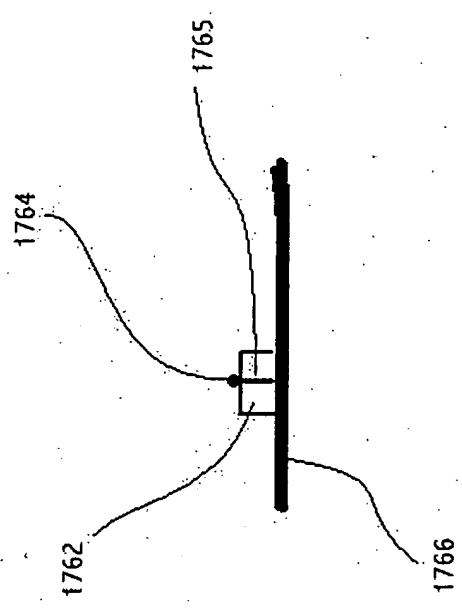
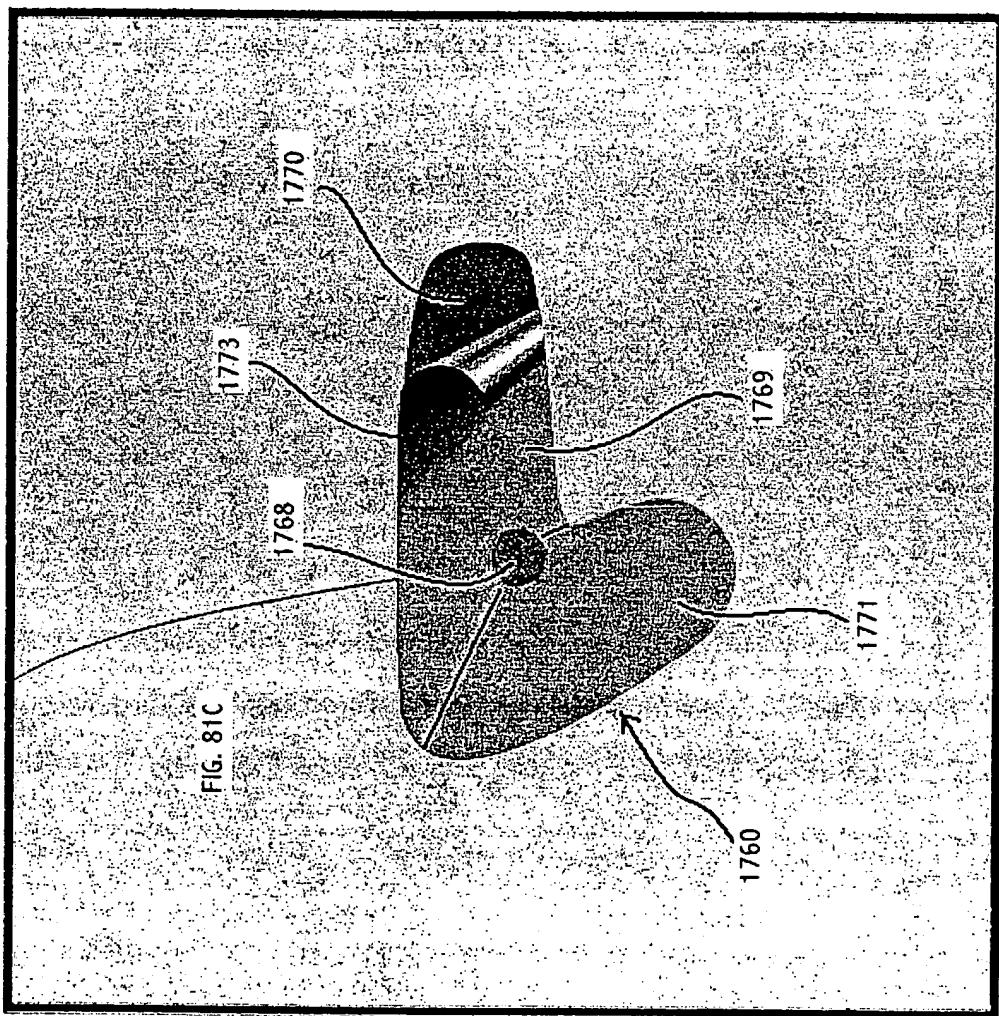
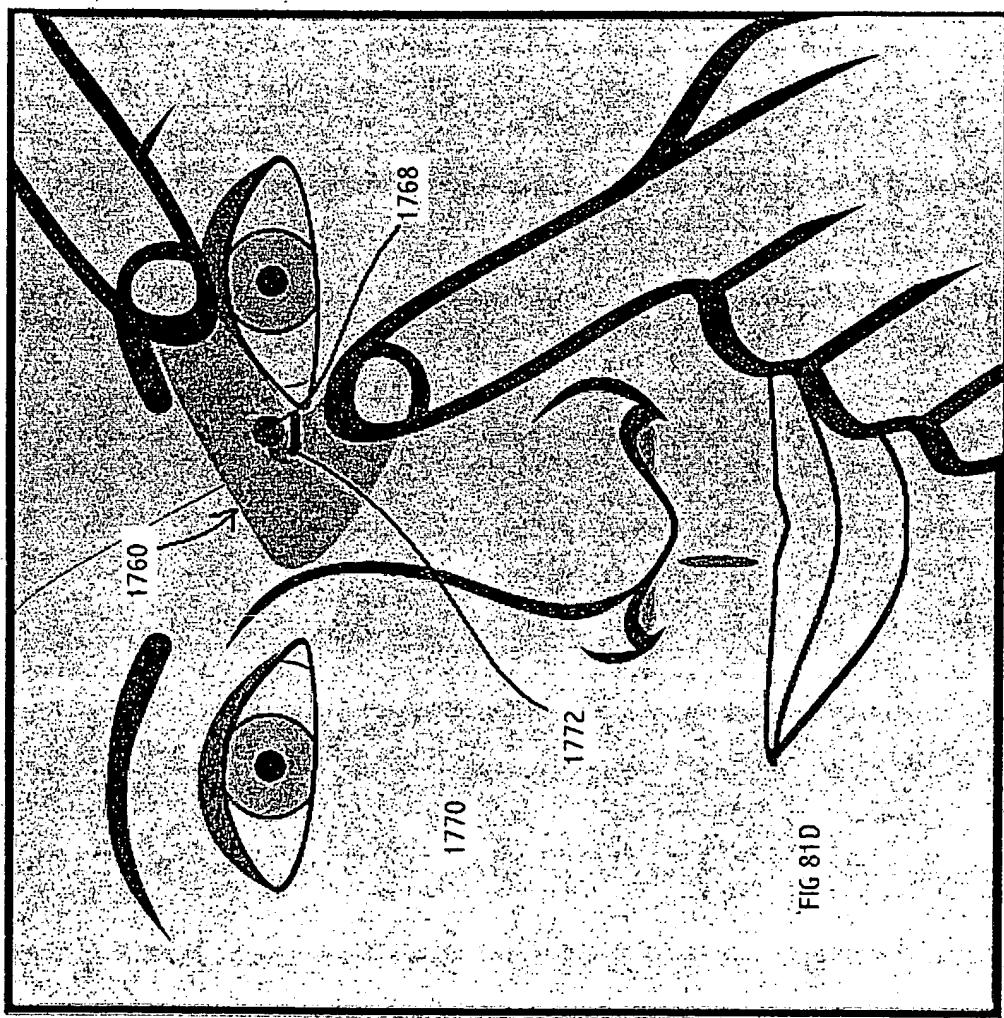


FIG. 81B







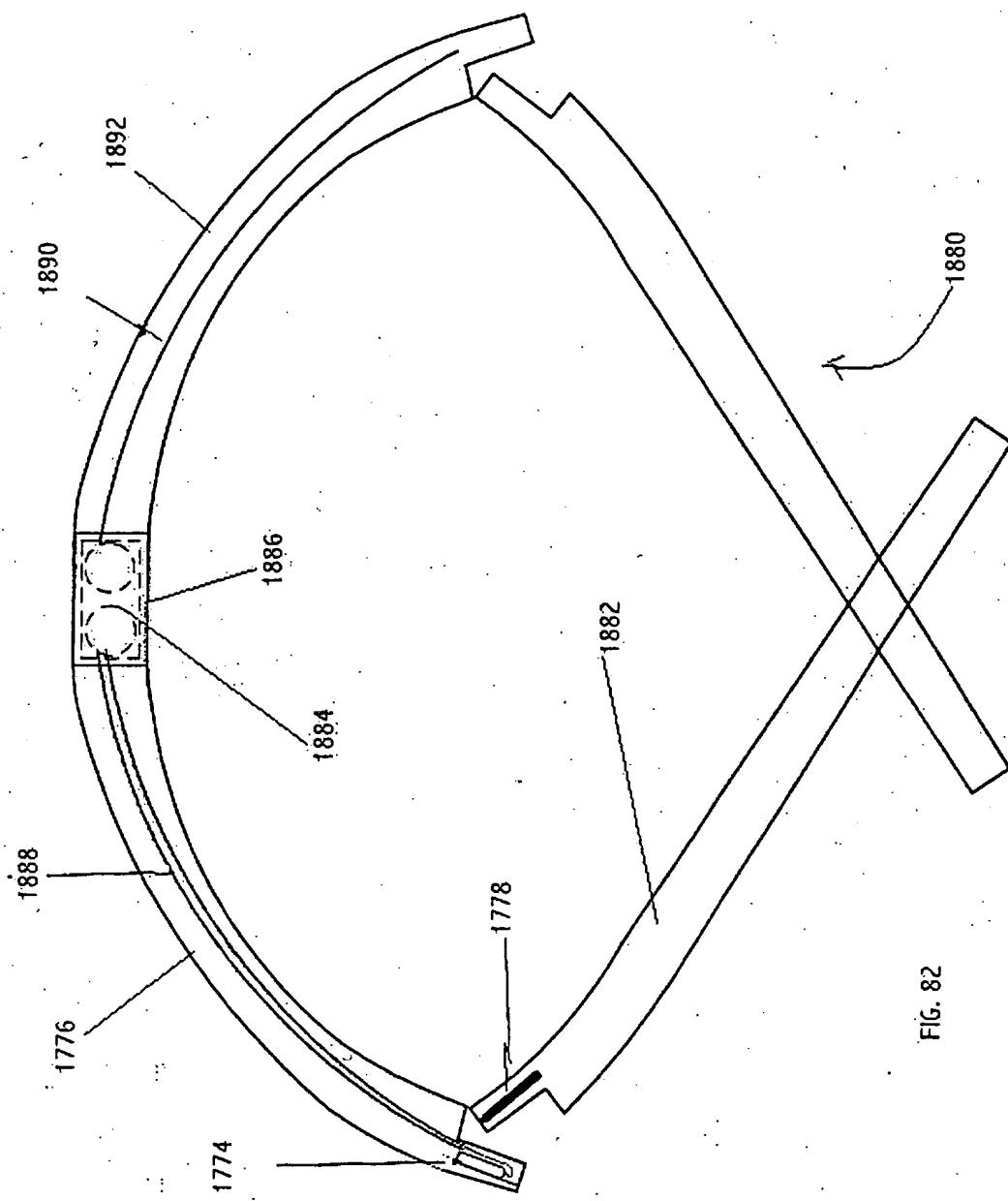


FIG. 82

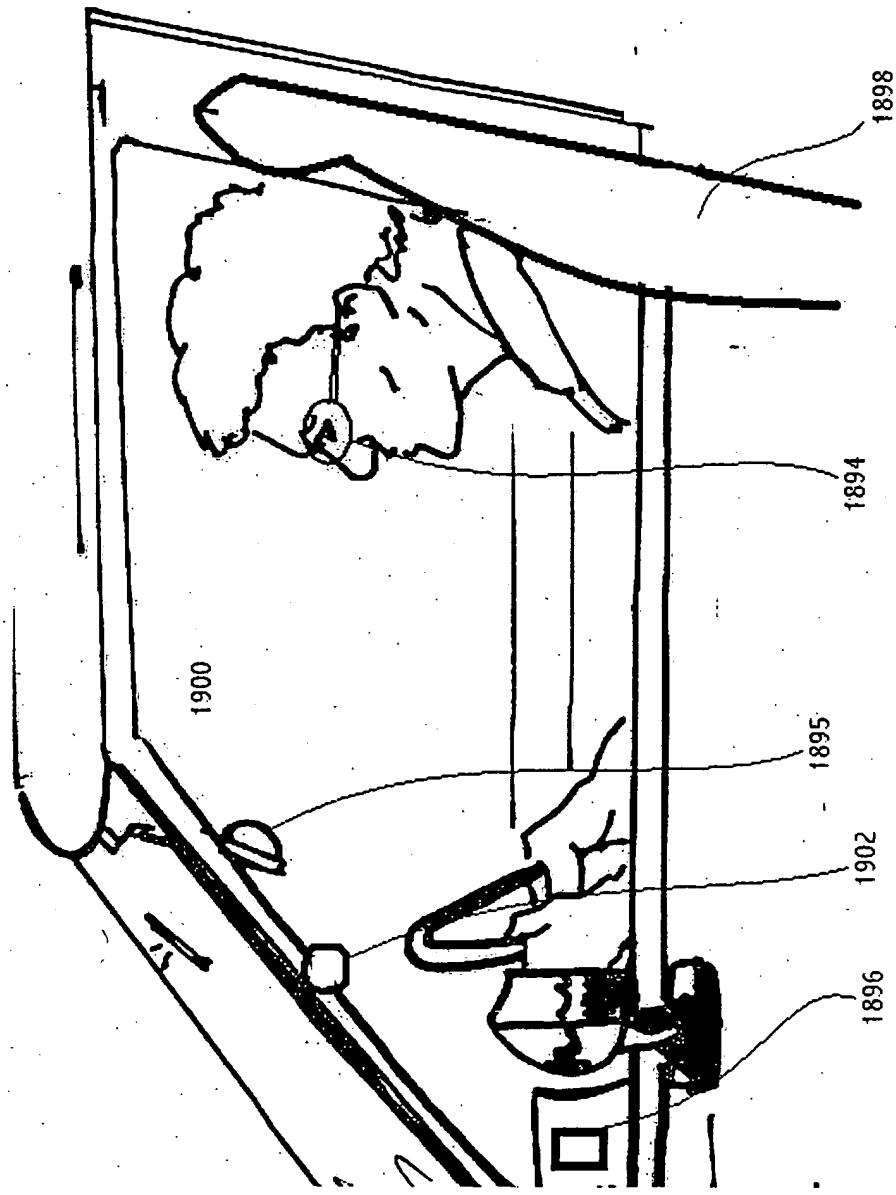


FIG. 83

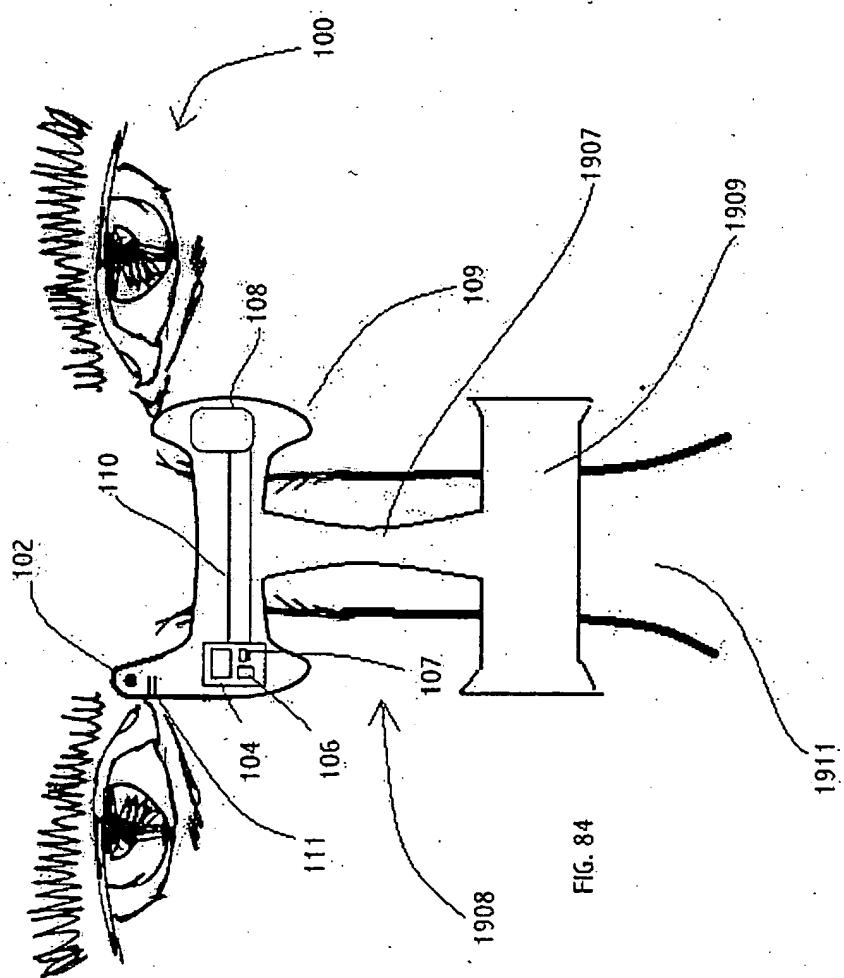


FIG. 84

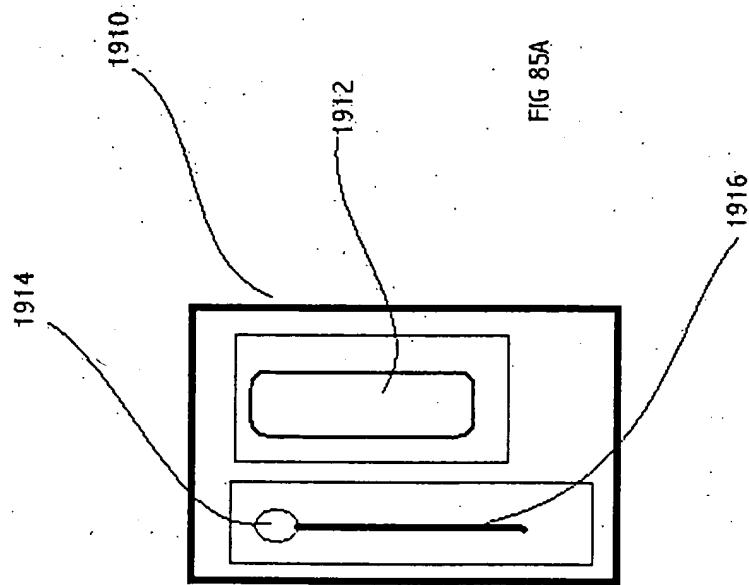


FIG. 85B

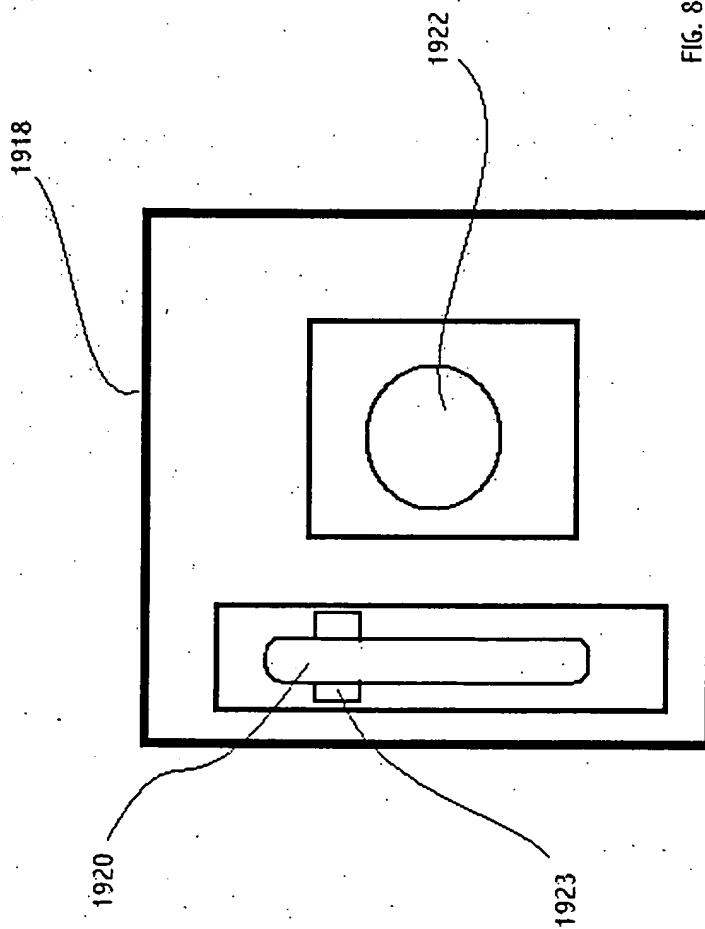


FIG. 85C

